

Job Applications for Review

For the Vacancy of

Geophysicist - Seismologist

OSMT

ACT

Ongoing

With Applications included for

Mo Hossain

Mohammed Radwan

Nader Nakhla

Nuwan Suriyaarachchi

Pooya Hadian

Tan Geoscience

Vikash Tripathi

Requested by Janine Robertson

Generated by Aurion

Monday, 1 May 2023 12:09

Vacancy Summary

Position Number: **18824**

Position Title: **Geophysicist - Seismologist**

Organisation Unit: **OSMT**

Classification: **APS Level 6**

Location: **ACT**

Comments: **2023/932 VN-0721255**

Places Available: **1**

Tenure: **Ongoing**

Package: **\$90,555.00 - \$104,820.00**

Portal Status: **Expired**

Show In Portal From: **27-MAR-2023 00:00**

Show In Portal To: **11-APR-2023 23:59**

Reference: **18824**



Geophysicist - Seismologist

Salary	(APS6) \$90,555 - \$104,820
Classification level	APS 6
Employment type	Ongoing
Non-ongoing term	
Position number	18824
Division	Minerals, Energy and Groundwater Division
Branch	Mineral Systems
Section	Onshore Seismic and Magenotellurics
APS Jobs Family	Science, Engineering, Technical
Security clearance	Baseline
Location	Symonston, Canberra land of the Ngambri and Ngunawal/Ngunnawal People

Geoscience Australia acknowledges the Traditional Custodians of Country throughout Australia and recognises the continuing connection to lands, waters and communities. We pay our respects to Aboriginal and Torres Strait Islanders Cultures: and to elders past and present.

About us

Geoscience Australia is Australia's pre-eminent public sector geoscience organisation. We are the nation's trusted advisor on the geology and geography of Australia. We apply science and technology to describe and understand the Earth for the benefit of Australia. We apply our diverse professional expertise, our deep and trusted knowledge, our national-scale Earth observation infrastructure and our strong partnerships, to the opportunities and challenges that face our nation.

Our culture

Our strength lies in our people, including our diversity in backgrounds, skills and experiences, and the way we work together to respond to the emerging needs of our work. We value diversity in gender, backgrounds, culture, and experiences of our employees and are committed to providing an inclusive workplace culture that ensures everyone has equal opportunity to contribute, participate and progress. Applications from people who reflect this diversity are encouraged.

Our workplace is committed to the health, safety and wellbeing of our employees and offer a variety of flexible working arrangements to enhance flexibility, including remote working arrangements.

What we can offer you

When you work at Geoscience Australia you will have access to a range of benefits and the opportunity to experience a workplace culture that truly values and promotes diversity, inclusion, equity and belonging. To learn more about our competitive salary, free onsite parking, generous flexible working arrangements and the role you can play in growing our culture [click here](#).

The role

Geoscience Australia acquires, processes, interprets and delivers geophysical data including active and passive seismic, and magnetotellurics. This work contributes to the organisation's ability to provide high-quality geoscientific information to government, industry and the community, inform decision-making, and builds Australia's resource wealth.

In this role you will support the planning, acquisition, quality control, processing and archiving of large-scale, nationally significant seismic surveys and the management of such activities through geophysical survey contracts. You will work collaboratively with fellow staff, contractors and external stakeholders to achieve work area goals. There will also be opportunities for business and fieldwork related travel

In this role you will:

- Work with a highly specialised team to plan, design, and manage onshore seismic acquisition programs including contract management and stakeholder engagement.
- Provide technical and specialised advice to contractors and stakeholders to ensure data standards are met.
- Undertake QA/QC and signal processing using a variety of techniques.
- Plan, develop and implement software applications to solve complex problems.
- Contribute to documentation and work instructions for key operational activities.
- Contribute advice and technical expertise to geological interpretation of seismic data.
- Promote the work of the organisation to government, industry, academia and the community through publications and at conferences and workshops.
- Manage and archive geophysical data according to best practice and ensure effective and successful delivery to the geoscience community and public.

To be successful in the role you will:

- Have the ability to manage projects and contracts, set priorities display initiative, discretion and sound judgement, communicate technical data to non-technical people, and deliver business goals, often within tight timelines.
- Have the ability and drive to develop specialist skills in acquisition, processing and delivery of seismic data of variable scale, type and vintage using modern applications and software.
- Drive continuous improvement, including work processes and technology.
- Build and sustain positive relationships within a small team, and with project partners, contractors, and other external stakeholders at all levels through effective oral and written communication, and influencing skills.
- Display personal drive and integrity consistent with the APS code of Conduct, including acknowledging and learning from mistakes, and fostering a positive organisational culture.
- Have sound programming experience on high performance computing platforms.

Required skills, knowledge, experience and/or qualifications

- Expertise in geophysics, including some or all of the following - seismic data acquisition, data processing, interpretation, GIS and programming (e.g. Python).

- Highly developed communication, negotiation and collaboration skills.
- Experience in integrating a variety of datasets to understand and develop more accurate geophysical and geological models.
- Ability to undertake field work in remote areas in Australia.
- A commitment to continual learning in the areas of geoscience, stakeholder management, inclusive culture and data management.

Are you unsure about applying?

Did you know that a Hewlett Packard internal report found that men apply for jobs when they meet an average of 60 per cent of the job requirements? Women and other people from diverse backgrounds tend to only apply when they check every box. If you think you have what it takes, but don't necessarily meet every single point on what we are looking for, please still apply or get in touch with the contact officer to learn more about the role.

To Apply

Please visit the [careers page](#) of our website to submit your application via our e-Recruit system. Your application should include:

- Your resume (no more than 3 pages)
- A brief statement (no more than 700 words) outlining your transferable skills, experience and capabilities related to the role and the value you would bring to Geoscience Australia.

If you have any questions regarding the role, please contact Donna Cathro on (02) 6249 9298 or email Donna.Cathro@gov.au

To learn more about applying for roles within the Australian Public Services please review, '[Applying for an APS job: cracking the code](#)'.

Eligibility

To be eligible to apply for this position you must meet the below eligibility criteria.

- Be an Australian Citizen at the closing date of application.
- The successful applicant must be able to obtain, hold and maintain a security clearance of an appropriate level relevant to this role.
- Commencement of employment is subject to the successful applicant undergoing and satisfying pre-employment screening, which includes a police history check.

Recruitability

RecruitAbility applies to this vacancy. Under the RecruitAbility scheme you will be invited to participate in further assessment activity for the vacancy if you choose to apply under the scheme; declare you have a disability; and meet the minimum requirements for the position. For more information please visit the [Australian Public Service Commission website](#).

Hearing or speech impaired applicants are invited to use the National Relay Service by contacting 133 677, and requesting to be connected with our Recruitment team on 02 6249 9777 in order to obtain selection documentation.

Technical Assistance

If you require technical assistance, call Human Resources on (02) 6249 9777 or email hr@gov.au.

A merit list/pool may be created from this process. If you are successful for the merit pool, your details may be shared with other Australian Public Service agencies unless you choose not to have your details disclosed.

Mo Hossain - Applicant Summary

Surname: Hossain	Given Names: Md Moazzem
Preferred Name: Mo	Salutation: Mr
Gender: Male	Age: 45.4.30
Phone: 0413910525	Mobile: 0413910525
Fax:	Email: hossainmoazzem@hotmail.com
Address: Unit 8 13-15 Paine St	Suburb: Kogarah
State: NSW	Post Code: 2217
Country: Australia	Applicant Type: External
Status: In Progress	Recommendation:
Checklist Stage: Panel Review	Aurion Number:

Referees:

Title	First Name	Last Name	Job	Employer	Phone
Mr	Mick	O'Connor	Operations Manager	Kinetic IT	
Mrs	Raji	Vassey	IT Manager	Allianz Technology	

Qualifications/Education:

Completed	Title	Type	Discipline	Institute
24-JUL-1999	Not Recorded	Bachelor with Honours	Geology	Overseas - Asia
19-JUL-2002	Not Recorded	Masters	Information Technology	University of Wollongong

Mo Hossain - File Attachment

File Attachment for Candidate Education

File Name: *AMU Transcript.jpg*

ALIGARH MUSLIM UNIVERSITY
(Examinations Division)
ALIGARH-202002 (INDIA)



TRANSCRIPT OF ACADEMIC RECORD

This is to certify that *Md. Moazzem Hossain*
Enrolment No. *BB-3940* was a regular student of this University
from *1996-97* to *1998-99*

COURSES ATTENDED AND THE EXAMINATIONS PASSED :

1. *B.Sc. (Hons.)* Examination in *1999*
Subjects *Compulsory English, Geology, Chemistry,*
Geography Division *First*
..... Distinction *X*
Position *X*

2. Examination in
Subjects
Division
Distinction
Position

General remarks, if any

O. N. Islam
Asistant Controller
// (Examinations)

Date of Issue :

19/3/99

Mo Hossain - File Attachment

File Attachment for Candidate Education

File Name: *MICT Transcript.jpg*

 **University of Wollongong**
Northfields Avenue, Wollongong N.S.W. 2522 Australia
Telephone: (02) 4221 3555 Facsimile: (02) 4221 4322

PAGE 1

TRANSCRIPT OF ACADEMIC RECORD

NAME Md Moazzem Hossain STUDENT NUMBER 2150207

DEGREE/DIPLOMA MINFOTECH

DATE QUALIFIED 10/07/02

DATE AWARDED 10/07/02

Credit points accrued to date 48

Complete Enrolment History Summary

Enrolment History Summary
2000 1510 MCompStud
2001 581A MInfoTech
2002 581A MInfoTech

YEAR/ SUBJECT	SESSION NUMBER	SUBJECT NAME	GRADE	CREDIT POINTS
*				

* COURSE - MASTER OF INFORMATION AND COMMUNICATION TECHNOLOGY

YEAR	CODE	DESCRIPTION	GRADE	CREDIT POINTS
2001	2	IACT901 IT Strategic Planning	Pass	6
		IACT919 Online Information Services	Pass	6
		ITCS937 Security, Risk Management and Control in Electronic Commerce	Fail	0 12
2002	1	IACT902 Applied Project Management	Pass	6
		IACT917 Information Management	Pass	6
		IACT931 Special Topics in Information and Communication Technology A	Pass	6
		ITCS938 ECommerce Technology Essentials	Credit	6 24

* Unspecified Credit Points Granted

END OF TRANSCRIPT

Dated this 19th Day of July, 2002 This Academic Record
no alterations or erasures is valid only if
signed and stamped





MD MOAZZEM HOSSAIN

Mobile:0413 910 525

LinkedIn: <https://www.linkedin.com/in/moazzemhossainau/>

Email: hossainmoazzem@hotmail.com

Career Profile

Experienced and client-focused IT Systems Engineer and Seismic Support Analyst. Proficiency in System Administration, configuration, Troubleshooting, integration, scripting, testing which enables business to track and manage IT service management activities, achieve workflow efficiency and deliver on changing business needs via customisation. Competent in problem solving, planning and organising with attention to detail.

Competencies

- ServiceNow Administration
- Microsoft O365 & Exchange Server Administration
- Microsoft Server - Active Directory, Group Policy
- Scripting Language: Java Script, HTML, CSS, SQL, Python
- Version Control System: GitHub
- Bug Tracking System: Jira
- Blackberry UEM, JAMF, Workspace ONE UEM Admin
- Citrix Virtualization Technology and Win10 Virtual Machines.
- Dynatrace, Splunk
- Lotus Notes databases
- SOUP / REST API Tools – Postman, SOUP UI

Certifications

- ServiceNow Certified System Administrator
- AWS Certified Cloud Practitioner
- ITIL Version 3 Foundation Certified

Qualifications

Master's in information and communication Technology

University of Wollongong, Australia

Bachelor of Science (Major Geology, with Geography and Chemistry Minor)

Aligarh Muslim University, India

Career Experience

Application Support Technician

Allianz Technology

April 2022 - Present

Working with BAIS - Business Agility and Imaging System Team to support Production includes Incident, Service Request, User Queries, Change Management and Lower Environment Domino Servers, Notes Databases, developing templates, Bug Fix, Monitoring Team Development Queues (Dev-Test-UAT-Prod), also Engage in BAU and Projects and 3rd Party tools.

Responsibilities

- In order of priority monitoring, all the system generated alerts and errors from Production and Lower Environment Domino Servers installed on Windows / Linux servers. Depending on the nature of the incident, engage appropriate teams to remediate issues.
- Addressing time sensitive emails and collaborating with business as required.
- Monitoring Communication databases in Domino Servers to check all the email flows working as normal and fix bugs.
- Monitoring Web Services database for failed items and clear the failed ones.
- Creating/ Modifying Form Templates in Notes Database for end user.
- Investigating issues with New User Request, Security Request Forms, Errors related to Duplicate entries and Name change issues,
- Respond to request for change database 'Streams', in Dev/Sys, UAT, across multiple databases including web services.
- Using 3rd party tools (e.g. YTRIA) to clear Replication Issues.
- Agent Log Checks on databases.
- Investigate system slowness issues (server specific or network issue in case of multiple server slowness)
- Server Failover - Change database links to point to the new server. Switch back to the primary server once the issue is fixed.

Service Desk Analyst
Allianz Technology

April 2021 - April 2022

Working at Allianz Technology, a global IT service provider for Allianz, as a part of the workplace technology team to deliver excellent customer service within end user technology issues across a range of platforms mainly Citrix Virtual Environment and Win10 Virtual Machines.

Responsibilities

- Provided support to end users mostly working from home to investigate and respond to Incidents and requests for technical assistance via phone and/or electronically in a timely manner. [obj]
- Performed Troubleshooting End User Win 10 Virtual Machines within Citrix virtualisation environment. [obj]
- Troubleshoot applications within Citrix Virtual Environment including legacy apps and mainframe systems. [obj]
- Troubleshoot Lotus Notes database, rebuild notes client App in Citrix and Win10 VM and configure Notes in domino server. [obj]
- Deployed software package through AD and ServiceNow Order Guide to be installed in End User VM and Citrix virtual environment. [obj]

- Administered DUO Mobile Admin console to ensure user profiles are correct, remotely activate / reactivate, configure, troubleshoot and maintain user accounts.
- Administered Adobe Admin Console to ensure users are provided with access to appropriate adobe products and licenses. ☺
- Managed and Administered Wordspace One UEM Admin console to maintain, update user profiles for corporate mobile devices (phones and tablets) enrolments and configurations.

Systems Engineer

Ashurst LLC

Sept 2020 - April 2021

Worked at International Law Firm Ashurst as a part of a project team to Migrate 1100+ users from Microsoft Exchange 2010 to Microsoft Exchange 2016 and Legacy UEM System to Blackberry UEM Global domain.

Responsibilities

- Performed daily follow-up with migrated users for a smooth migration experience.
- Performed Troubleshooting End User PCs in case of automation failure.
- Deployed a package to deliver Client Profile Update Utility to the User Devices.
- Deployed a software package which deliver a script to allow update of user Group Memberships over VPN
- Performed Group Policy update.
- Performed Log-file check and report failure and rollback status to the escalation team for remediation.
- Performed Troubleshooting End User iOS and Android devices to install Blackberry Dynamics App Configuration.
- Managed and Administered User profiles on Blackberry Admin Console to remediate installation and configuration issues.

You

ServiceNow Administrator

Kinetic IT

Feb 2020 – Sept 2020

Worked with managed services client Origin Energy to perform a range of testing such as regression, integration, interface, and usability around ServiceNow enhancements. Also coordinated changes and releases for both BAU and projects which resulted in changes committed on time ensuring standard operating procedures were maintained for all enhancements.

Responsibilities

- Created and managed change records.
- Communicated with developers, process owners, stakeholders, and enhancement requesters to understand testing requirements and develop layouts for different test cases.
- Configured test cases leveraging automated test framework.

- Prepared Implementation plans for release.
- Performed testing for enhancements, mobile apps, and platform upgrades for both functional and non-functional areas.
- Managed enhancement pipelines from test through to UAT and Prod.

ServiceNow Administrator

Kinetic IT

July 2019 – Feb 2020

Worked with managed services client Qantas Airways to perform ServiceNow configuration, scripting and day-to-day administration which facilitated effective service management.

Responsibilities

- Designed and configured workflows for service catalogue items and implemented customisation requests by leveraging ServiceNow components.
- Installed, configured and provided administrative support for ServiceNow modules including integration, scripting, user and group management.
- Developed java scripts to trigger systems email response.
- Collaborated with DevOps team and client to configure, test and deploy new functionality and ensured enhancements are conforming with business requirements.
- Designed and configured dashboards for incidents and requests resulted in increased visibility and tracking.
- Carried out regression testing during Kingstone to Madrid upgrade, identified bugs, logged and tracked bugs in Jira, and engaged senior developers for timely resolution.
- Gathered business attributes requirements and created custom front-end forms, email templates and notifications.

Senior Service Desk Technician

Kinetic IT

July 2017 - July 2019

Worked with managed services client Qantas Airways to provide technical support across various technologies and consistently achieved fast and efficient diagnosis and remediation.

Responsibilities

- Provided 2nd level support to investigate and responded to requests for technical assistance in person, via phone and/or electronically in a timely manner.
- Configured group policy, new user addition, end-user software and patch deployment policies using Microsoft 365 device management and active directory.
- Created mailbox and setup aliasing in Microsoft Exchange.
- Worked with different distribution of operating systems, personal computers, associated peripherals and software in a networked environment.

- Provided remote desktop support for internal and external clients via SCCM remote control and managed RSA token activations.
- Performed troubleshooting of internet services, LAN, wireless, e-mails, and Cisco IP Phones.
- Helped end-users in using existing and new technologies and created knowledge articles in ServiceNow for future reference.
- Monitored alerts generated by systems and ensured appropriate escalation with relevant engineers to prevent any major hardware and/or software failure.
- Built desktop systems including software installation, configuration, upgradation, and testing.

Seismic Support Analyst

PGS Onshore LTD

Feb 2003 - Dec 2004

Worked in a seismic exploration project in Sylhet, Bangladesh for Perth Based PGS Onshore LTD for client Niko Resources Canada.

Responsibilities

- Worked with Govt and private stakeholders to plan and design survey area plan and spot bore hole locations.
- Worked with recording team to setup recording equipment's and seismograph hardware to capture raw seismic data to send to lab for detailed analysis.
- Worked with recording team for data capture, quality control and disaster recovery plans
- Worked with Govt and Private stakeholders to plan and obtain permission and maintain safety best practices to store and transport explosives.
- Co-ordinate between recording team, survey team and planned and designed with project team to better manage the time of specialised technicians.

Personal Interest: Kids block coding (scratch.mit.edu), Professional Swimming Instructor, Motorcycle Rides, Mindful Meditation and Friends & Family events.

Mo Hossain - Screening Questionnaire

Application Details

Citizenship Status: Are you an Australian Citizen?: *Australian Citizenship is required for employment in Geoscience Australia.*

Response: **Yes**

Are you an Aboriginal / Torres Strait Islander?

Response: **No**

Code of Conduct: *Have you been the subject of disciplinary action under the APS Code of Conduct?*

Response: **No**

If yes, please provide details

Response: **N/A**

Redundancy Details: *Have you received a redundancy from the Australian Government in the last 12 Months?*

Response: **No**

Redundancy Date: *If you have received a redundancy, what is the end date of your redundancy benefit restriction period?*

Response:

How did you hear of this vacancy?

Response: **GA Website**

If other, where

Response: **N/A**

Geoscience History: *Have you ever worked for Geoscience Australia before?*

Response: **No**

Security Clearance Details: *Do you currently hold an Australian Government security clearance?*

Response: **No**

Are you currently employed by the Commonwealth?: *If no, please proceed to the following question below - Are you a person with a disability?*

Response: **No**

Name of Commonwealth employer

Response:

On what basis are you employed?

Response:

AGS Number: *If you are currently employed by the Commonwealth, what is your AGS number? Please record this as an eight digit number ie 34512345*

Response:

What is your current APS or classification level?: *What is your current APS or classification level or equivalent?*

Response:

What is your current Acting level?: *What is your current ACTING APS or classification level or equivalent?*

Response:

Are you a person with a disability?

Response: **No**

Do you require reasonable adjustment?: *Do you require reasonable adjustments to attend assessment activities/interview?*

Response: **No**

If you answered yes, please describe:

Response:

Do you wish to opt in to RecruitAbility?: *Would you like to opt in to the RecruitAbility Scheme? Definition: The RecruitAbility disability definition is a current limitation, restriction or impairment, which has lasted, or is likely to last, for at least six months and restricts everyday activities. Includes episodic conditions if they are likely to recur. For more information see www.apsc.gov.au/disability/recruitability You will be progressed to further assessment if you declare you have a disability, opt into RecruitAbility, and meet the minimum requirements for the vacancy.*

Response: **Yes, I opt in**

Selection Criteria

Please attach your statement of claims here: *Further information and application can be found on our website: <http://www.ga.gov.au/about/careers> Referencing the role profile, please provide a brief statement (less than 700 words) outlining the value you would bring to Geoscience Australia, and how your skills, knowledge, experience and qualifications make you the best person for the job. If you have any questions regarding the role, please contact Donna Cathro (02 6249 9298, Donna.Cathro@ga.gov.au). If you require technical assistance, call Human Resources on (02) 6249 9777*

Response: **(Seismologist Statement of Claims.pdf is attached)**

Merit Pool

Do you consent to your information being shared?

Response: **Yes**

Declaration

Declaration: *I declare that the information I have entered into this application form, and the information in my resume, is true and correct at the time of submission. I agree that selecting "YES" is equivalent to my signature.*

Response: **Yes**

Md Moazzem Hossain
M 0413 910 525
hossainmoazzem@hotmail.com

7th April 2023

Sydney NSW Australia

Dear,

Re: Geophysicist - Seismologist

I am writing to apply for the Geophysicist - Seismologist position at Geoscience Australia. I am an experienced Systems Engineer and Seismic Support Analyst. I have acquired dependable knowledge and skill sets from my Master Degree in IT and Bachelor in Geology along with Industrie experience in both discipline.

I have enclosed my CV to support my application. It shows that I would bring important skills to the position, including:

- Experience. I have 1.5 + year experience as Support Technician at core database team , 1+ Year experience working as ServiceNow Admin and 4+ years of experience working as a System Engineer and Senior Service Desk Technician and nearly 2 years of experience Seismic Support Analyst in a project in Sylhet, Bangladesh.
- Skills. ServiceNow, MS O365, MS Exchange, Active Directory, Windows Server, Network Support, Monitor & Troubleshooting, ITIL Framework, Group Policy, IP Telephony, Microsoft SCCM, Migrations, Firewall, Wireless, Printers, Apple iOS.
- Personal Attributes. Technical Aptitude, Willingness to learn, Prioritisation, Customer Service, Critical Thinking, Resilience, Confidence, Time Management, Communication Skills, Managed Service.

I would enjoy having the opportunity to talk with you more about this position, and how I could use my skills to create values.

Thank you for considering my application. I look forward to hearing from you.

Yours sincerely,
Md Moazzem Hossain



Mo Hossain - Application Review

SURVEY ANSWERED BY: YVETTE POUDJOM DJOMANI

Rating

Rating
Response:



Mo Hossain - Application Review

SURVEY ANSWERED BY: ROSS COSTELLOE

Rating

Rating
Response:



Mo Hossain - Application Review

SURVEY ANSWERED BY: DONNA CATHRO

Rating

Rating
Response:

Mo Hossain - Application Review

SURVEY ANSWERED BY: MUHAMMAD HOSSAIN

Rating

Rating
Response:

Mo Hossain - Application Review

SURVEY ANSWERED BY: CHAIR

Rating

Rating
Response:

Mohammed Radwan - Applicant Summary

Surname: Radwan	Given Names: Mohammed Sherif
Preferred Name: Mohammed	Salutation:
Gender: Male	Age: 31.10.5
Phone:	Mobile: 0452437564
Fax:	Email: Sheriff.radwan@gmail.com
Address: 5 Harbourside Court, Biggera Waters	Suburb:
State:	Post Code: 4216
Country: Australia	Applicant Type: External
Status: In Progress	Recommendation:
Checklist Stage: Panel Review	Aurion Number:

Referees:

Title	First Name	Last Name	Job	Employer	Phone
Engineer	Dib	Geagea	Petroleum Engineer	Hofco	

Qualifications/Education:

Completed	Title	Type	Discipline	Institute
28-JUL-2019	Petroleum Engineer	Graduate Diploma	Petroleum Engineering	University of Queensland
28-JUL-2012	Geologist	Bachelor Degree	Geology - Petroleum	Overseas - Africa



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA



HERIOT-WATT UNIVERSITY
A HIGHER EDUCATION INSTITUTION
OF THE UNITED KINGDOM

Mohammed Sherif Radwan

having fulfilled the conditions prescribed for the program jointly run by
The University of Queensland and Heriot-Watt University is on this day conferred the

**GRADUATE DIPLOMA
IN SCIENCE IN
PETROLEUM ENGINEERING**



GIVEN UNDER THE COMMON SEAL OF THE UNIVERSITY OF QUEENSLAND
THE NINETEENTH DAY OF JULY 2019

CHANCELLOR

VICE-CHANCELLOR

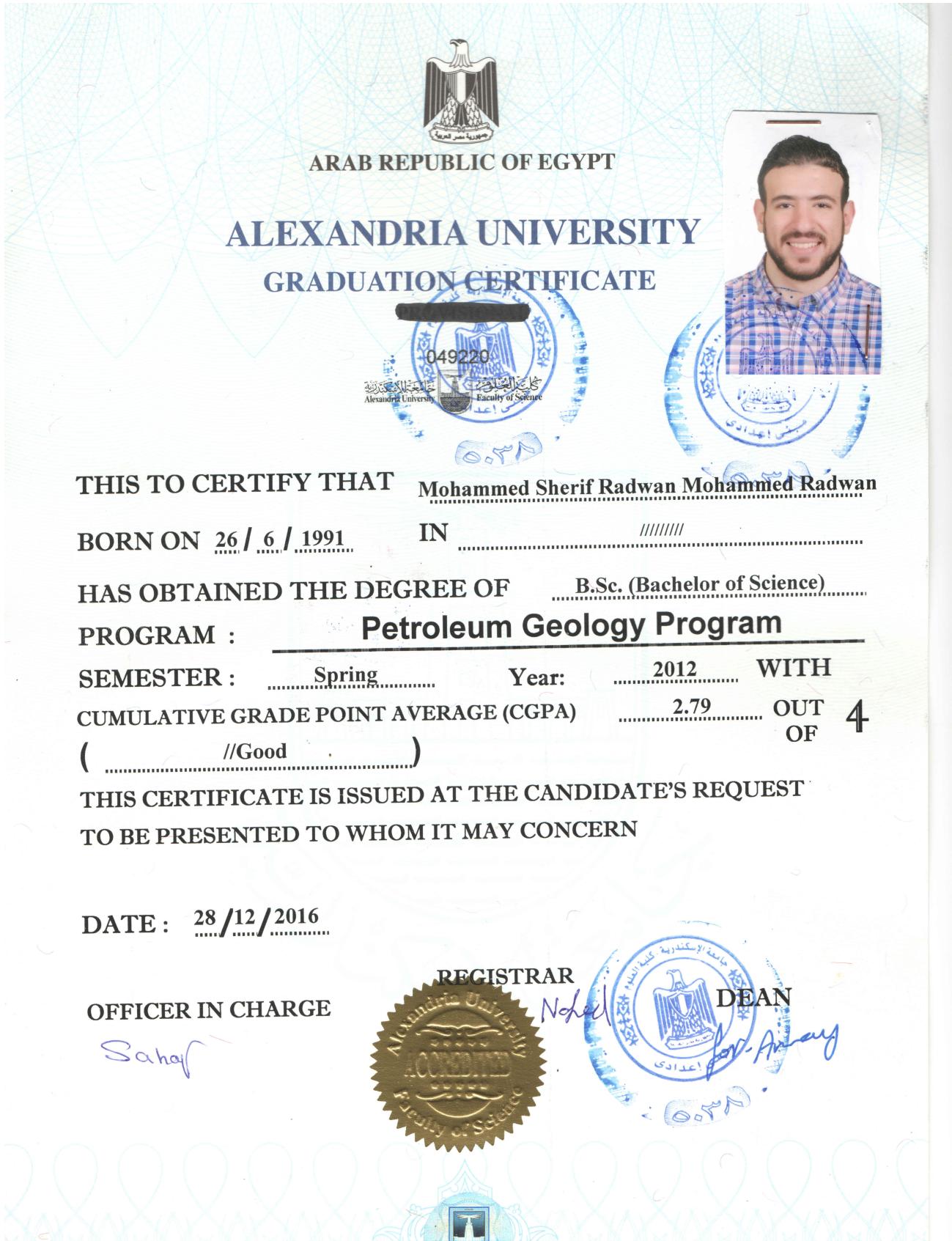
ACADEMIC REGISTRAR

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Mohammed Radwan - File Attachment

File Attachment for Candidate Education

File Name: *Bachelor Certificate.jpg*



SHERIF RADWAN

sheriff.radwan@gmail.com

0452437564

Brisbane QLD

SUMMARY

Proficient Petroleum Engineer/ Geoscientist knowledgeable about field assessments, drilling operations, recovery plans, performing Mud Logging Studies and implementing Reservoir Development Projects. Ten years track record of success accomplishing challenging objectives.

SKILLS

- Design different reservoir fields and applying the appropriate tools to resolve reservoir engineering issues and develop a support package for the new wells.
- Analyze and monitor reservoir performance and develop an efficient management strategy.
- Analyze all the test data ensuring the accuracy and assist to design all reservoir models and recommend improvements to enhance reservoir performance.
- Develop a field plan for water/gas injection and perform analysis on all tests and monitor all field and well performance.
- Develop reservoir models and ensure optimization of all management strategies for production profiles.
- Manage reservoir engineering information and prepare required reservoir models.
- Evaluate the inflow and outflow performance between the reservoir and the wellbore.
- Define reservoir extent, confirm water, oil or gas saturation away from discovery of movable hydrocarbons.
- Measure pressure for gas/water or oil/water contact and determine the significant volume.
- Optimize reservoir recovery, improve project economics and deliver and advance required reserve or resource targets.
- Analyze and optimize DFIT design.
- Evaluate uncertainty and the six elements of quality decision making and the process of decision making, describe the basics of supply and demand and understand the most common investment decisions in the oil and gas field.
- Seismic interpretation, wire-line log interpretation and petrophysical analysis.
- Interpreting geochemical and bio stratigraphical analysis.
- Calculating reserves and constructing geological reservoir models.
- Forecast all reservoir behavior and recommend new development plans and strategies to ensure optimum recovery of all hydrocarbons from reservoir and evaluate all findings and implement all long-term corporate plans and design all compositional simulation.
- Develop field plan for water/gas injection and perform analysis on all tests and monitor all fields and well performance.
- Selecting artificial lift equipment, including sucker-rod lift, gas lift, electrical submersible pumps, subsurface hydraulic pumps, progressing-cavity pumps, and plunger lift.

EXPERIENCE

PETROLEUM ENGINEER | 03/2022 to 01/2023 HOFCO Oil Field Services - Gold Coast, QLD

- Conferred with customers and engineers to assess equipment needs and determine system requirements.
- Performed in customer role to translate needs to internal product teams.
- Managed and grew vital customer accounts by astute contract review, production scheduling and customer engineering support.
- Planned various product configurations to meet diverse customer needs.
- Developed sales plans to introduce new products to market.
- Negotiated tender and contract terms to meet both client and company needs.
- Delivered samples and catalogs to prospective customers and provided information

on product features, pricing and availability.

- Recommending & establishing designs for drilling, completion & fishing BHAs.
- Responsible for handling and conducting maintenance on the company's drilling & fishing equipment & machinery to ensure its safety & efficiency.
- Offering solutions for complex well designs & solutions with the appropriate tooling.

FIELD DRILLING ENGINEER | 02/2021 to 12/2021

Schlumberger - Brisbane, QLD

- Predicted fracture gradient and pore water pressure to plan projects and guide operations.
- Planned and coordinated equipment and inventory to prepare materials necessary for projects.
- Prepared work orders and communicated with drilling supervisors to dispatch materials to rig worksite, replenish stock and repair equipment.
- Documented technical specifications and work scope to prepare tender packages.
- Conducted on-site safety inspections and acceptance testing for drilling rigs and equipment.
- Worked closely with geologists to plan and administer projects based on geological models and technical information.
- Communicated with project leaders and external parties to provide status updates.
- Oversaw daily operations for drilling campaigns and assessed techniques and procedures to improve future projects.
- Collaborated with drilling team supervisor to resolve concerns or problems with operations.
- Developed drilling project budgets and monitored actual costs compared to estimates.
- Assessed technical feasibility and compliance of different strategies in accordance with federal requirements.
- Conducted core analyses, flooding tests and phase behavior studies.
- Investigated and evaluated routine and complex engineering problems related to oil and gas extraction.
- Utilized simulation software to model field activities, identify concerns and modify plans.

RESERVOIR ENGINEER | 11/2019 to 10/2020

Oil Search - Brisbane, QLD

- Worked with section geologists to determine and implement optimal methodologies for proceeding with drilling operations.
- Provided subject matter expertise regarding regulatory strategies and applications.
- Utilized simulation software to model field activities, identify concerns and modify plans.
- Using advanced numerical simulation techniques to forecast oil and gas production from both new and existing hydrocarbon fields
- Collaborating with other technical professionals in devising economically viable development plans for oil and gas accumulations
- Optimising recovery plans, including new well locations or projects involving enhanced recovery methods
- Managing the day-to-day operation of oil and gas fields
- Developing and executing data-gathering plans and using the results to develop projects to increase recovery efficiency
- Assessed technical feasibility and compliance of different strategies in accordance with federal requirements.
- Simulated reservoir performance levels for different recovery techniques using computer models.
- Achieved cost-savings by developing functional solutions to problems.

PETROPHYSICIST | 11/2014 to 06/2017

IPR Energy Red Sea, Inc - Cairo, Egypt

- Planning data acquisition well programs in well and business objectives.
- Liaison with core, log and LWD data acquisition contractors, before and during

- acquisition and in post well interpretation phase.
- Coordinating appropriate well-site witness work for specialist runs.
 - Delivering post-well standard interpretation.
 - Liaising with partners and sonagol on petrophysical/core issues.
 - Taking a proactive role in the extended organization and facilitate federal connectivity into the office.
 - Aiding the integrated full field reservoir description models which take full account of log, core and seismic data as well as dynamic pressure and water movement data.
 - Managing core and fluid analysis programs at the company's labs.
 - Put together accurate and timely reports to comply with client protocols and government requirements.
 - Populate & maintain corporate project well databases & Part of the team well-planning effort

MUDLOGGER | 12/2012 to 08/2014

Petroservice - Bengazi, Libya

- Working in wellsite units processing, logging and analyzing geological samples, interpreting lithology and determining formation tops.
- Using various laboratory techniques to evaluate detailed and complex data for signs of oil or gas and detect pay zones.
- Well Logs interpretation and correlation. • Monitoring computer recordings of drilling and Interpreting information and feeding it back to the drilling team to enhance safety and success.
- Operating and maintaining a real-time computer-based data acquisition system, the advanced logging system (ALS), which records all aspects of rig activity.
- Troubleshooting equipment and software problems quickly with minimal assistance.
- Predicting dangerous situations, such as over-pressured formations.
- Frequently acting as a drilling engineer, collating and then logging details of drilling operations in oil companies' computer systems.

EDUCATION AND TRAINING

University of Queensland - Queensland

Master of Science

Petroleum Engineering, **07/2019**

Arab Academy For Science, Technology & Maritime - Alexandria

Diploma

Marketing Management And Research, **06/2015**

Alexandria University - Alexandria

Bachelor of Science

Petroleum Geology, **07/2012**

LANGUAGES

English:



Full Professional

Arabic:



Native/ Bilingual

NATIONALITY

Australian

SOFTWARE SKILLS

- Perform software | GOHFER software | CMG Ltd software | Microsoft Office | C++ programming | Erdas Software | Arc GIS 9 | Petrel 2010 | Techlog 2011 | Geoframe 4.4 | IESX

Mohammed Radwan - Screening Questionnaire

Application Details

Citizenship Status: Are you an Australian Citizen?: *Australian Citizenship is required for employment in Geoscience Australia.*

Response: **Yes**

Are you an Aboriginal / Torres Strait Islander?

Response: **No**

Code of Conduct: *Have you been the subject of disciplinary action under the APS Code of Conduct?*

Response: **No**

If yes, please provide details

Response:

Redundancy Details: *Have you received a redundancy from the Australian Government in the last 12 Months?*

Response: **No**

Redundancy Date: *If you have received a redundancy, what is the end date of your redundancy benefit restriction period?*

Response:

How did you hear of this vacancy?

Response: **SEEK**

If other, where

Response:

Geoscience History: *Have you ever worked for Geoscience Australia before?*

Response: **No**

Security Clearance Details: *Do you currently hold an Australian Government security clearance?*

Response: **No**

Are you currently employed by the Commonwealth?: *If no, please proceed to the following question below - Are you a person with a disability?*

Response: **No**

Name of Commonwealth employer

Response:

On what basis are you employed?

Response:

AGS Number: *If you are currently employed by the Commonwealth, what is your AGS number? Please record this as an eight digit number ie 34512345*

Response:

What is your current APS or classification level?: *What is your current APS or classification level or equivalent?*

Response:

What is your current Acting level?: *What is your current ACTING APS or classification level or equivalent?*

Response:

Are you a person with a disability?

Response: **No**

Do you require reasonable adjustment?: *Do you require reasonable adjustments to attend assessment activities/interview?*

Response: **No**

If you answered yes, please describe:

Response:

Do you wish to opt in to RecruitAbility?: *Would you like to opt in to the RecruitAbility Scheme? Definition: The RecruitAbility disability definition is a current limitation, restriction or impairment, which has lasted, or is likely to last, for at least six months and restricts everyday activities. Includes episodic conditions if they are likely to recur. For more information see www.apsc.gov.au/disability/recruitability You will be progressed to further assessment if you declare you have a disability, opt into RecruitAbility, and meet the minimum requirements for the vacancy.*

Response: **Yes, I opt in**

Selection Criteria

Please attach your statement of claims here: *Further information and application can be found on our website: <http://www.ga.gov.au/about/careers> Referencing the role profile, please provide a brief statement (less than 700 words) outlining the value you would bring to Geoscience Australia, and how your skills, knowledge, experience and qualifications make you the best person for the job. If you have any questions regarding the role, please contact Donna Cathro (02 6249 9298, Donna.Cathro@ga.gov.au). If you require technical assistance, call Human Resources on (02) 6249 9777*

Response: **(Cover_Geo.pdf is attached)**

Merit Pool

Do you consent to your information being shared?

Response: **Yes**

Declaration

Declaration: *I declare that the information I have entered into this application form, and the information in my resume, is true and correct at the time of submission. I agree that selecting "YES" is equivalent to my signature.*

Response: **Yes**

Dear Hiring Manager,

I am writing to express my interest in the Geophysicit position at Australian Government. As a highly motivated and experienced geophysicist with a strong background in petroleum exploration, I am confident that my skills and qualifications make me a valuable addition to your team.

With over 10 years of experience in the industry, I have a proven track record of successful projects in exploration, development, and production geophysics. My expertise includes seismic data processing and interpretation, well log analysis, reservoir modeling, and 3D visualization. I have also worked on projects related to unconventional resources, including shale gas and tight oil.

In my previous roles, I contributed with the geophysics team in the successful acquisition, processing, and interpretation of 3D seismic data for a new offshore exploration project. I was responsible for ensuring the quality of the data and working closely with the geology team to generate geological models for the prospects. My work contributed significantly to the discovery of new oil reserves in the area.

I am excited about the opportunity to bring my skills and experience to your company and contribute to the success of your projects. I am confident that my strong technical skills, attention to detail, and ability to work well in a team make me a strong candidate for the position.

Thank you for considering my application. I look forward to the opportunity to discuss my qualifications further.

Sincerely,

Sherif



Mohammed Radwan - Application Review

SURVEY ANSWERED BY: YVETTE POUDJOM DJOMANI

Rating

Rating
Response:

Mohammed Radwan - Application Review

SURVEY ANSWERED BY: ROSS COSTELLOE

Rating

Rating
Response:



Mohammed Radwan - Application Review

SURVEY ANSWERED BY: DONNA CATHRO

Rating

Rating
Response:

Mohammed Radwan - Application Review

SURVEY ANSWERED BY: MUHAMMAD HOSSAIN

Rating

Rating
Response:

Mohammed Radwan - Application Review

SURVEY ANSWERED BY: CHAIR

Rating

Rating
Response:

Nader Nakhla - Applicant Summary

Surname: Nakhla	Given Names: Nader
Preferred Name: Nader	Salutation: Mr
Gender: Male	Age: 55.5.5
Phone:	Mobile: 0426211177
Fax:	Email: nader_nakhla@hotmail.com
Address: 54 brown way	Suburb: Karrinyup
State: WA	Post Code: 6018
Country: Australia	Applicant Type: External
Status: In Progress	Recommendation:
Checklist Stage: Panel Review	Aurion Number:

Referees:

Title	First Name	Last Name	Job	Employer	Phone
Mr	Richard	Bruce	Senior Petroleum Geoscientist.	Department of Mines, Industry Regulation and Safety, Western Australia	
Mr	Kamal	Al-Yahya	Senior VP GeoSoftware at CGG	CGG	+12818145061
Mr	Steve	Pickering	Director Seismic Project Management Pty Ltd	Western Geco	
Mr.	Martin	Bayly	Retired Chief Area Geophysicst and Region Technology Manager	Western Geco	0411 060 280

Qualifications/Education:

Completed	Title	Type	Discipline	Institute
31-MAY-1989		Bachelor Degree	Geology	Overseas - Africa



2nd Level, Sheraton Court
207 Adelaide Terrace
East Perth
Western Australia 6004
PO Box 6383, East Perth
Western Australia 6892
Tel: (61 8) 9268 2682
Fax: (61 8) 9268 2600
ABN 74 002 459 225

Perth, Tuesday, 27 March 2001

Ref: Nader Nagy A. Nakhla

It is company policy not to issue personnel recommendations, this document should be considered as a personal recommendation from myself only.

To whom it may concern,

Nader Nakhla worked at WesternGeco (Perth) in the seismic data processing office until April 2001, he resigned to further his career with another employer.

From December 1990 to May 1997 Nader was employed by Western Atlas Egypt Ltd (the local branch of Western Geophysical, now WesternGeco) in the Cairo data processing centre where he worked in all facets of production seismic data processing (Velocities, statics and signal processing). His last position in Cairo was as a Project Leader.

In July 1997 Nader emigrated to Australia and joined the data processing group at Western Geophysical's Perth regional centre as a Senior Processing Geophysicist. During this time he was involved in all stages of marine data processing both 2D and 3D. He personally processed and managed project control on several large projects.

He has applied himself with diligence and hard work to all projects. I have known him since his arrival in Australia.

I wish Nader good fortune in his further endeavours.

A handwritten signature in black ink, appearing to read "Martin Bayly".

Martin Bayly
DP Technology Manager, ASA Region

Home Contact Telephone : +61 8-9300-5257
Email : martin.bayly@westerngeco.com



AIN SHAMS UNIVERSITY
FACULTY OF SCIENCE
Administration Office
Cairo — A.R.E.



Date : 15/ 8/ 1989

CERTIFICATE

Name of Student ... Nader Nagy Adly Nakhla ..
Degree Awarded ... B.Sc.
Subject of Study ... Geology - Chemistry ..

Major Grade Very Good with honour degree ... 76.36%
Date of Graduation ... May ... 1989 ..

N. B. :

This certificate is issued at the request of the student.

Nader Nagy *Rizkab*

Registrar

Jaber
Registrar
Nader Nagy



Dean

shawky



A.M.
24-9-89

Nader Nagy

Nader Nakhla

54 Brown Way, Karrinyup 6018, Western Australia

Email: nader_nakhla@hotmail.com Mobile: +61426211177

Objective

I am a highly motivated Geophysicist with professional expertise in seismic data processing, imaging and technology deployment. My achievements and experience were built through hard work spreading along 26 years through working for a National Oil Producing Company (**Saudi Aramco**) for more than 16 years; and working for an International Oil Field Service Company (**Western Geco / Western Geophysical / Halliburton**) for more than 10 years. Throughout both my experiences I achieved great outcomes before deciding to relocate back to my family in Australia.

I wish to build on, improve and apply my existing experience in seismic data processing to achieve more successful discoveries and developments in oil and gas fields in Australia.

Education

Ain Shams University, Cairo, Egypt. **1985 - 1989**

Bachelor of Science majoring in Geology and Chemistry

Ranked first within my year and achieved first class honors.

Experience

▪ Geophysical Specialist

Saudi Aramco in Dhahran, Saudi Arabia / June 2001 – December 2017

- Fully involved and actively contributed to Saudi Aramco's upstream exploration cycle from seismic acquisition to field development with focus on technology and current resources to bring oil and gas fields to production business line.
- Extensively tested and brain stormed ideas with team members to find solutions for geophysical challenges.
- Tested new releases of the company's used software (ECHOS/FOCUS/DISCO) and contributed to the user satisfaction testing group.
- Experienced conditioning pre-stack gathers that were subsequently used for QI. Conditioning included multiple removal, noise attenuation, residual NMO correction, interpolation, etc.
- Daily tasks involved working on geophysical activities and other aspects of exploration and development, reservoir engineering, and developing presentations for Saudi Aramco managements.

- Effectively represented Saudi Aramco in discussions with geophysical contractors with emphasis on QA/QC. To keep up with state-of-the-art technology, attending professional meetings and seminars was a must.
- Initiated and executed 3D mega processing projects up to 10,000 square km with more than 4 Billion pre-stack traces.
- Experienced producing Super 3D Merge volumes that involved merging of several 3D vintage data recorded over a period of several years which involved amplitude adjustment, geometry gridding, fold adjustments, and velocity merging.
- Processed and reprocessed several 3D land surveys for both exploration and development objectives which included prospect generation and well delineation for existing fields.
- Processed multi azimuth 3D seismic data, for subsequent anisotropic analysis (HTI VTI), processing included offset regularization, surface consistent amplitude decomposition and application, surface consistent short and medium wavelength static application, random and coherent noise applications.
- Processed high channel count single sensor seismic data for the purpose of deep unconventional tight shale.

▪ **Senior Geophysicist**

Western Geco / Western Geophysical / Halliburton Geophysical in Perth, Australia and Cairo, Egypt / December 1990 – April 2001.

- Processed and reprocessed several 2D/3D land and marine surveys using “Omega” processing software package.
- Experienced running pre-stack Kirchhoff migration on offset planes ordered data and migration velocity analysis,
- Utilised the IVP (interactive velocity picking) leading edge technology in producing DVA (Dense velocity analysis) for 3D surveys for a fine detailed velocity sampling.
- Implemented 3D Amplitude versus offset (AVO) processing by preserving the relative amplitude (RAP) throughout the processing sequence and producing all the required AVO attributes (gradient, Poisson ratio) and the seismic QC’s including angle gathers, near mid and far cubes
- Conducted intensive testing of parameters for different seismic processes to conform the best choice for the data requirement and the best processing parameters.
- Utilised the SPS standard navigation format in building the Geometry data base for land surveys and using interactive tools for quality control of the XY coordinates.
- Contributed to the success of several processing groups in processing 2D and 3D data and getting exposed to several data types with different qualities and problems.
- Gained exposure to different data types (Land/Marine) from different parts of the world (Middle East, West Africa, South East Asia, and Western Australia).

Skills

- Committed to effective time and project management to meet deadlines and achieve goals.
- Sound analytical and problem-solving skills.
- Coaching and mentoring skills to inspire and motivate others.
- The ability to maintain an excellent working environment, team building skills and great communication amongst colleagues which I believe to be vital in the workplace.
- Accuracy and great attention to detail which guarantees a perfect final product.
- Elaborate Microsoft Office skills including presentation skills to outline work stages and schedules as required.

Achievements

- Implemented excellent project management skills by utilizing all provided resources to achieve high quality products in due time.
- Introduced the pre stack merging of 3D seismic surveys. Poster session published and presented in the SEG convention Denver U.S.A. 2004.
- Created efficient processing flows for both testing and production that slash the completion turnaround for both time and CPU computer usage by nearly 50%.
- Always achieved and maintained excellent client relations and ensured that products delivered meet client's specifications and company standards.
- Being a community volunteer at Orange Sky which helps connect homeless people to the community by driving a customized van which has a laundry/washing machine as well as showering amenities. I consider giving back to the community a great achievement of mine.

Awards & Acknowledgements

- Poster published at the SEG convention Denver, USA. 2004. 3D mega processing pre-stack merge.
- Always recognized by company's management for a job well done.
- Received excellent PMP rating from company's internal performance system.

Training Courses

- Advanced seismic data processing workshop
- Structure-Seal Trap Analysis & Evaluation
- Conflict of Interest & Business Ethics
- Structural Geology and Styles
- Petrel Fundamentals for Geophysics
- Seismic Anisotropy IWSA Perth 2010
- Interviewing skills and Interpersonal communication
- Information protection essential
- Effective Aramco Supervisor
- Defensive Driving
- Heart saver First Aid with CPR & AED
- Problem Solving and Decision Making
- Seismic Velocities and Depth conversion
- AVO Workshop "Hampson & Russel" Perth
- Microsoft Excel 97, a one-day course
- AIX 10 UNIX by IBM Cairo
- 3D Seismic Exploration School by H.G.S.

Nader Nakhla - Screening Questionnaire

Application Details

Citizenship Status: Are you an Australian Citizen?: *Australian Citizenship is required for employment in Geoscience Australia.*

Response: **Yes**

Are you an Aboriginal / Torres Strait Islander?

Response: **No**

Code of Conduct: *Have you been the subject of disciplinary action under the APS Code of Conduct?*

Response: **No**

If yes, please provide details

Response:

Redundancy Details: *Have you received a redundancy from the Australian Government in the last 12 Months?*

Response: **No**

Redundancy Date: *If you have received a redundancy, what is the end date of your redundancy benefit restriction period?*

Response:

How did you hear of this vacancy?

Response: **Other**

If other, where

Response: **LinkedIn**

Geoscience History: *Have you ever worked for Geoscience Australia before?*

Response: **No**

Security Clearance Details: *Do you currently hold an Australian Government security clearance?*

Response: **No**

Are you currently employed by the Commonwealth?: *If no, please proceed to the following question below - Are you a person with a disability?*

Response: **No**

Name of Commonwealth employer

Response:

On what basis are you employed?

Response:

AGS Number: *If you are currently employed by the Commonwealth, what is your AGS number? Please record this as an eight digit number ie 34512345*

Response:

What is your current APS or classification level?: *What is your current APS or classification level or equivalent?*

Response:

What is your current Acting level?: *What is your current ACTING APS or classification level or equivalent?*

Response:

Are you a person with a disability?

Response: **No**

Do you require reasonable adjustment?: *Do you require reasonable adjustments to attend assessment activities/interview?*

Response: **No**

If you answered yes, please describe:

Response:

Do you wish to opt in to RecruitAbility?: *Would you like to opt in to the RecruitAbility Scheme? Definition: The RecruitAbility disability definition is a current limitation, restriction or impairment, which has lasted, or is likely to last, for at least six months and restricts everyday activities. Includes episodic conditions if they are likely to recur. For more information see www.apsc.gov.au/disability/recruitability You will be progressed to further assessment if you declare you have a disability, opt into RecruitAbility, and meet the minimum requirements for the vacancy.*

Response: **No thanks**

Selection Criteria

Please attach your statement of claims here: *Further information and application can be found on our website: <http://www.ga.gov.au/about/careers> Referencing the role profile, please provide a brief statement (less than 700 words) outlining the value you would bring to Geoscience Australia, and how your skills, knowledge, experience and qualifications make you the best person for the job. If you have any questions regarding the role, please contact Donna Cathro (02 6249 9298, Donna.Cathro@ga.gov.au). If you require technical assistance, call Human Resources on (02) 6249 9777*

Response: **(brief_exp2023new.docx is attached)**

Merit Pool

Do you consent to your information being shared?

Response: **Yes**

Declaration

Declaration: *I declare that the information I have entered into this application form, and the information in my resume, is true and correct at the time of submission. I agree that selecting "YES" is equivalent to my signature.*

Response: **Yes**

Nader Nakhla
Mobile: 0426211177
E-mail: nader_nakhla@hotmail.com
54 Brown Way, Karrinyup, 6018, Perth Australia
31/03/2023

Dear Donna Cathro,

Re: Geoscience Australia: Geophysicist - Seismologist

As an experienced Geophysicist with professional industry experience in the seismic industry, I am greatly interested in this advertised position.

I have most recently worked as a geophysical specialist (seismic data processing) at a national oil company in Saudi Arabia (Saudi Aramco) for 16 years, and I have also worked on a major Oil field service company (Western Geco) for 10 years.

In my latest role as a geophysicist, processing onshore seismic data at Saudi Aramco, I worked with a highly specialised team in the upstream exploration business line, which required me to:

- collaborate with the organization's geoscientists (stakeholders) to coordinate the integration of geophysical seismic data into multi-disciplinary studies for exploration/development projects,
- attend all the acquisition review meetings for detailed seismic survey planning,
- review and provide technical and specialised advice on all the legacy acquisition parameters with a focus on the data quality resolution and imaging of the hydrocarbon bearing formations,
- understand the objectives of acquiring seismic data to focus on adding geophysical values to the seismic model, through assessing and recommending new technology to be implemented during acquisition.

The above activities allowed me to subsequently enhance the data processing quality and allow for updating the seismic interpretation and the geological model when working in this area.

I also managed geophysical contractors for outsourced processed seismic data with an emphasis on QA/QC. I ensured that standards and guidelines were followed and that the data was properly vetted at each step of the processing sequence. I did this through focusing on amplitude preservation, seismic band width, signal preservation, velocity analysis and ensuring there was no processing artifacts (statics). Consequently, I have provided documentation in the form of reports to management regarding their technical capability and applied benchmark testing using the company's best practice internal software applications, to provide my overall advice and technical expertise.

I also have experience in seismic data processing and data management of a large Seismic 3D mega processing project, using the company's internal geophysical application platform. This involved:

- archiving, and retrieving all relevant information (Meta data) for the processed and reprocessed data like processing sequence and acquisition parameters,
- ensuring that data will be accessible by all relevant parties, using the company's internal server system that allows all stakeholders to access and download any relevant data,
- initiating efficient processing workflows that were executed both in batch and interactive modes,
- using high performance computer systems (PC clusters) for both testing and production, which slashed the completion turnaround and CPU computer usage by significant amounts,
- Setting priorities through using time management skills to meet the project's tight deadlines.

Additionally, I have been apart of several presentations including an occasion where I presented a poster as a co-author at the SEG convention, Denver, U.S.A, 2004. "Comparison of Pre and Post-stack Super-Merge of Ten 3D Blocks, 2004 SEG Annual Meeting, 10-15, Denver, Colorado" this was an experience that I thoroughly enjoyed and displays my commitment to continual leaning in geoscience, my personal drive, and communication skills.

Furthermore, I have attended peer review meetings on a regular basis where geophysical challenges and productivity issues were being discussed. I participated in brain storming ideas for the purpose of determining better collaboration techniques to deliver high-quality products. These peer review meetings allowed for better communication to take place within the organization, which positively impacted on the efficiency and productivity of the team.

I have experience in using Paradigm ECHOS/FOCUS processing package which runs on RED HAT LINUX interactive workstations. This contains many geophysical software applications with some exposure to Petrel/Geoframe/ArcGIS interpretation and mapping packages for the purpose of 2D,3D horizon QC interpretation. Through my knowledge and experience of these programs, I believe I can apply my transferable skills to learn other modern programs when required.

As a result of my past experiences, I believe that I can maintain an excellent working environment as I possess team building skills and I am always willing to learn from and acknowledge mistakes.

I believe the role of a Geophysicist for Geoscience Australia will be highly motivating for me, as I do believe I have the skills and the determination to be a successful candidate.

I look forward to hearing from you soon.

Yours Sincerely,

Nader Nakhla



Nader Nakhla - Application Review

SURVEY ANSWERED BY: YVETTE POUDJOM DJOMANI

Rating

Rating
Response:



Nader Nakhla - Application Review

SURVEY ANSWERED BY: ROSS COSTELLOE

Rating

Rating
Response:



Nader Nakhla - Application Review

SURVEY ANSWERED BY: DONNA CATHRO

Rating

Rating
Response:



Nader Nakhla - Application Review

SURVEY ANSWERED BY: MUHAMMAD HOSSAIN

Rating

Rating
Response:



Nader Nakhla - Application Review

SURVEY ANSWERED BY: CHAIR

Rating

Rating
Response:

Nuwan Suriyaarachchi - Applicant Summary

Surname: Suriyaarachchi	Given Names: Nuwan
Preferred Name: Nuwan	Salutation: Mr
Gender: Male	Age: 37.5.15
Phone: 0416050879	Mobile: 0416050879
Fax:	Email: nuwan1985@gmail.com
Address: 25A Caporn Street	Suburb: Crawley
State: WA	Post Code: 6009
Country: Australia	Applicant Type: External
Status: In Progress	Recommendation:
Checklist Stage: Panel Review	Aurion Number:

Referees:

Title	First Name	Last Name	Job	Employer	Phone
Dr	Hoel	Seille	Research Scientist	CSIRO, Deep Earth Imaging FSP	0424153690
Dr	Thusitha	Nimalsiri	Senior Geophysicist	Southern Geoscience Consultants	0416979972

Qualifications/Education:

Completed	Title	Type	Discipline	Institute
30-OCT-2012	Advanced training	Postgraduate Diploma	Geophysics- Data Analysis	Overseas - Europe
30-MAY-2017	Not Recorded	Masters	Geophysics- Data Analysis	Instituto de Geofisica , Universidad Nacional MEX



UNITED NATIONS
UNIVERSITY

Certificate of Fellowship

*By the authority of the Council of the United Nations University,
it is hereby certified that*

NUWAN BUDDIKA SURIYAARACHCHI (SRI LANKA)

*has completed advanced training and research in the field of
GEOPHYSICAL EXPLORATION*

under a United Nations University Fellowship at

NATIONAL ENERGY AUTHORITY, ICELAND

during the period April 2012 to October 2012

United Nations University

Training Institution

Srikantha Herath

Academic Programme Director; and Senior Academic
Programme Officer, UNU Institute for Sustainability
and Peace

Kazuhiko Takeuchi

Vice-Rector, United Nations University; and
Director, UNU Institute for Sustainability and Peace

Ingvar B. Fridleifsson

Programme Director

Gudni A. Johannesson

Head of Institution

UNIVERSITY OF PERADENIYA
SRI LANKA



This is to certify that

Nuwan Buddika Suriyaarachchi

*having successfully completed the prescribed
 Courses of Study and the Examinations
 of this University
 was admitted to the Degree of*

MASTER OF PHILOSOPHY

*on
 20th May, 2017
 and*

*was awarded this certificate at the Convocation helden in
 Peradeniya on Fifth July, 2018.*

*Witness our hands this Fifth Day of July in the
 Year Two Thousand Eighteen.*



Vice-Chancellor

Acting Registrar

NUWAN SURIYAARACHCHI

25A, Caporn Street, Crawley, WA 6009

nuwan1985@gmail.com /nuwan.suriyaarachchi@research.uwa.edu.au

0416050879



ACADEMIC QUALIFICATIONS

- **PhD. in Geophysics** (Reading-Final year) School of Earth Science, University of Western Australia
- **M.Phil. in Geophysics**, Post Graduate Institute of Science, University of Peradeniya, Sri Lanka
- **Advanced training and research in Geophysical exploration**, United Nations University, Iceland

CAREER HISTORY AND EXPERIENCE

- **Research Assistant in geothermal resources mapping:** (6 years)

Institute: Geothermal thermal energy mapping research group, National Institute of Fundamental Studies, Sri Lanka. **Role:** Magnetotelluric (MT), Transient Electromagnetic (TEM) Magnetic and IP resistivity data collection, processing and interpretation. Assisting with geological and geochemical data collection

- **Research Officer at the National Institute of Oceanography Marine Sciences** (3 years)

Institute: National Aquatic Resources Research & Development Agency. **Role:** Manage and organise data collection field works(side scan sonar, parametric echo sounding-sub-bottom), data processing and interpretation. Bathymetric data collection, sea-level data processing and modelling to forecast tsunami wave forecast.

GEOPHYSICAL INSTRUMENTS

- Magnetotelluric (MT) data acquisition (Phoenix SSMT 2000/ SPAM mk-iv)
- Magnetic and gradiometer (Syntrex, GEM systems)
- Transient Electro-Magnetic & Resistivity (Protom TEM67, TEM37 systems, AGI Mini sting)
- Sub-bottom profiler (parametric echo sounder) (SES-2000-compact), side scan sonar (Shark)
- Sonar Wiz 5, ISE post-processing software (Windows)
- D-GPS

SOFTWARE SKILLS

- Good Python skills (with Linux systems)
- Good electrical and Electronic Knowledge and work experience
- MS Windows/Linux
- QGis
- MT & TEM data processing (inversion software; Occam, Geotools)

PERSONAL INFORMATION

- Full name: Nuwan Buddika Suriyaarachchi
- Gender: Male
- Visa Details: Permanent residence
- Work limitations: Unrestricted

REFERENCE DETAILS

Thusitha Nimalsiri, Senior Geophysicist
Southern Geoscience Consultants
39 Richardson Street, West Perth, WA 6005
tnimalsiri@gmail.com

Hoel Seille, Research Scientist
CSIRO, Deep Earth Imaging FSP, Australian Resources Research Centre, 26 Dick Perry Avenue, Kensington WA 6151, Australia.
hoel.seille@csiro.au

AWARDS

- University of Western Australia International fee scholarship (UIFS) and University Postgraduate Award (UPA) for 2019 for PhD studies
- Fellowship for International School on Geothermal Exploration, The Abdus Salam International Centre for Theoretical Physics (ICTP), Italy and UNIDO
- United Nations University Fellowship at National Energy Authority, Iceland, for advanced training on geophysical exploration-2012
- National Research Council (Sri Lanka) merit reward for scientific Publications 2015
- University Western Australia international fee Scholarship and University Postgraduate Award for 2019
- World Geothermal Congress -2020 fellowship for attending and delivering the research presentation

LIST OF PUBLICATIONS

- Nimalsiri, T. B., **Suriyaarachchi, N. B.**, Hobbs, B., Manzella, A., Fonseka, M., Dharmagunawardena, H. A., & Subasinghe, N. D. (2015). Structure of a low-enthalpy geothermal system inferred from magnetotelluric—A case study from Sri Lanka. *Journal of Applied Geophysics*, Pp 117, 104-110.
- Subasinghe, N.D., Nimalsiri, T.B, **Suriyaarachchi, N.B.**, Hobbs, B.A., Fonseka, G.M., Dissanayake, C.B.(2014) Study of thermal water resources in Sri Lanka using time domain electromagnetic(TDEM). *Advanced Materials Research Vol 955-959 (2014) pp 3198-3201, Trans Tech publications, Switzerland*
- **Suriyaarachchi, N.B.**, Nimalsiri, T.B., Subasinghe, N.D., Hobbs, B.A., Fonseka, G.M., Dissanayake, C.B. and de Silva, S.N., 2013. Study of the Near-Surface Resistivity Structure in Kapurella Area Using Transient Electromagnetic Method. *Proceedings to 29th Technical Sessions of Geological Society of Sri Lanka, 13*, p.16.
- Subasinghe, N.D., Mahakumara, P., Nimalsiri, T.B., **Suriyaarachchi, N.B.**, Limoto, T., Ishikawa, T., Omori, Y., Dissanayake (2013) Measuring Radon and Thoron levels in Sri Lanka. *Advanced Material Research Vols.718-720. pp 721-724. Trans Tech Publications, Switzerland.*
- Hobbs, B.A., Fonseka, G.M., Jones, A.G., De Silva, S.N., Subasinghe, N.D., Dawes, G., Johnson, N., Cooray, T., Wijesundara, D., **Suriyaarachchi, N.** and Nimalsiri, T., 2013. Geothermal Energy Potential in Sri Lanka: a preliminary magnetotelluric survey of thermal springs. *Journal of Geological Society of Sri Lanka, 15*, pp.69-83.
- **Suriyaarachchi, N. B.** (2012). Joint 1D inversion of MT and TEM resistivity data from the Theistareykir high-temperature geothermal area, NE-Iceland and comparison with alteration and temperature logs from boreholes. Geothermal training programme, edn. Georgsson, L. S., Haraldsson, I. G.& Omarsdottier, M. United Nations University, Iceland, 793-822, (ISBN- 978-9979-68-330-8).
- Subasinghe, N.D., Mahakumara, P.D., **Suriyaarachchi, N.B.**, Nimalsiri, T.B, Dissanayake, C.B. (2012). Radon mapping programme in Sri Lanka. (Abstract). Proceedings of the 28th Annual Sessions of the *Geological Society of Sri Lanka*. (24 Feb 2012) Colombo, Sri Lanka
- Subasinghe, N.D., **Suriyaarachchi, N.B.**, Nimalsiri, T.B, (2011) low-cost thermoelectric power generation using solar energy. Solar Asia Conference 2011 Institute of Fundamental Studies, Kandy, Sri Lanka (28-30 July 2011)

Nuwan Suriyaarachchi - Screening Questionnaire

Application Details

Citizenship Status: Are you an Australian Citizen?: *Australian Citizenship is required for employment in Geoscience Australia.*

Response: **No**

Are you an Aboriginal / Torres Strait Islander?

Response: **No**

Code of Conduct: *Have you been the subject of disciplinary action under the APS Code of Conduct?*

Response: **No**

If yes, please provide details

Response:

Redundancy Details: *Have you received a redundancy from the Australian Government in the last 12 Months?*

Response: **No**

Redundancy Date: *If you have received a redundancy, what is the end date of your redundancy benefit restriction period?*

Response:

How did you hear of this vacancy?

Response: **Other**

If other, where

Response: **Link**

Geoscience History: *Have you ever worked for Geoscience Australia before?*

Response: **No**

Security Clearance Details: *Do you currently hold an Australian Government security clearance?*

Response: **No**

Are you currently employed by the Commonwealth?: *If no, please proceed to the following question below - Are you a person with a disability?*

Response: **No**

Name of Commonwealth employer

Response:

On what basis are you employed?

Response:

AGS Number: *If you are currently employed by the Commonwealth, what is your AGS number? Please record this as an eight digit number ie 34512345*

Response:

What is your current APS or classification level?: *What is your current APS or classification level or equivalent?*

Response:

What is your current Acting level?: *What is your current ACTING APS or classification level or equivalent?*

Response:

Are you a person with a disability?

Response: **No**

Do you require reasonable adjustment?: *Do you require reasonable adjustments to attend assessment activities/interview?*

Response: **No**

If you answered yes, please describe:

Response:

Do you wish to opt in to RecruitAbility?: *Would you like to opt in to the RecruitAbility Scheme? Definition: The RecruitAbility disability definition is a current limitation, restriction or impairment, which has lasted, or is likely to last, for at least six months and restricts everyday activities. Includes episodic conditions if they are likely to recur. For more information see www.apsc.gov.au/disability/recruitability You will be progressed to further assessment if you declare you have a disability, opt into RecruitAbility, and meet the minimum requirements for the vacancy.*

Response: **No thanks**

Selection Criteria

Please attach your statement of claims here: *Further information and application can be found on our website: <http://www.ga.gov.au/about/careers> Referencing the role profile, please provide a brief statement (less than 700 words) outlining the value you would bring to Geoscience Australia, and how your skills, knowledge, experience and qualifications make you the best person for the job. If you have any questions regarding the role, please contact Donna Cathro (02 6249 9298, Donna.Cathro@ga.gov.au). If you require technical assistance, call Human Resources on (02) 6249 9777*

Response: **(Cover_letter_GA_geophysicist.docx is attached)**

Merit Pool

Do you consent to your information being shared?

Response: **Yes**

Declaration

Declaration: *I declare that the information I have entered into this application form, and the information in my resume, is true and correct at the time of submission. I agree that selecting "YES" is equivalent to my signature.*

Response: **Yes**

Dear Sir,

Re: Geophysicist-Seismologist

I wish to apply for the Geophysicist position you advertised on LinkedIn.

Since 2010, I have been working in the geophysical exploration field. I completed my master's degree and post-graduate training in geophysics. Currently, I am reading my PhD in the integration of Magnetotellurics and Passive seismic data to characterise cover-basement Interface in Australia.

I have both inshore and offshore experience with several research exploration groups. During that time, I gained experience in multiple geophysical data collection methods, including Magnetotellurics(MT), TEM, IP resistivity and magnetics.

I wish to express my genuine interest in joining GA, where I can use my education qualification and experience with current exploration projects. With my work experience, I am able to successfully execute remote field works with minimum or next to zero supervision. I have good experience with small exploration team management and relevant logistics.

I believe my experience and my educational qualification will make me a suitable candidate for this position. Please don't hesitate to contact me for any information. Thank you.

Sincerely,

Nuwan Suriyaarachchi

Nuwan Suriyaarachchi - Application Review

SURVEY ANSWERED BY: ROSS COSTELLOE

Rating

Rating
Response:

Nuwan Suriyaarachchi - Application Review

SURVEY ANSWERED BY: YVETTE POUDJOM DJOMANI

Rating

Rating
Response:

Nuwan Suriyaarachchi - Application Review

SURVEY ANSWERED BY: DONNA CATHRO

Rating

Rating
Response:

Nuwan Suriyaarachchi - Application Review

SURVEY ANSWERED BY: MUHAMMAD HOSSAIN

Rating

Rating
Response:

Nuwan Suriyaarachchi - Application Review

SURVEY ANSWERED BY: CHAIR

Rating

Rating
Response:

Pooya Hadian - Applicant Summary

Surname: Hadian	Given Names: Pooya
Preferred Name: Pooya	Salutation: Dr
Gender: Male	Age: 41.7.29
Phone: 0449055971	Mobile: 0449055971
Fax:	Email: pooyah@gmail.com
Address: 3/9 Strickland St.	Suburb: South Perth
State: WA	Post Code: 6151
Country: Australia	Applicant Type: External
Status: In Progress	Recommendation:
Checklist Stage: Panel Review	Aurion Number:

Referees:

Title	First Name	Last Name	Job	Employer	Phone
Dr.	Simon	Molyneux	Director	Molyneux Advisors	0418349672
Dr.	Ali	Saeedi	Associate professor	Department of Petroleum Engineering Curtin University	08 9266 4988
Prof.	Reza	Rezaee	Professor	Department of Petroleum Engineering Curtin University	08 9266 7980

Qualifications/Education:

Completed	Title	Type	Discipline	Institute
		Doctoral Degree	Petroleum Engineering	Curtin University

Pooya Hadian

Visa Status: Australian Citizen
Email: pooyah@gmail.com
Mobile: 049055971

PROFESSIONAL SUMMARY

Senior Geophysicist with experience in petroleum exploration, appraisal studies and planning, supported by a track record of geological modelling and integrated subsurface characterisation techniques.

SKILLS and QUALIFICATIONS:

- Designing and planning seismic surveys and field scouting for geophysical data acquisition
- Processing seismic data and data QA/QC
- Seismic data interpretation and prospect generation
- Reservoir characterisation/ subsurface imaging
- Excellent written and verbal communication skills
- Excellent collaborator in a multi-disciplinary team

EMPLOYMENT HISTORY

- **Geophysicist, 2020- Now**

Molyneux Advisors

Geophysicist providing geophysical services to multiple oil and gas companies in Australia, Trinidad, the Middle East, the UK, and the US

- Evaluated vintage data and provided technical support in reprocessing of 3D seismic data with external parties in NOVAR MC3D and BEX MC3D with Multi-Client Resources
- Engaged with clients to process seismic data to obtain the best possible results
- Oversaw the planning and designing of active and passive seismic surveys in the South Perth Basin
- Interpreted large advanced reprocessed 3D datasets in NOVAR 3D (Vulcan Sub-Basin) and BEX 3D (Barrow Sub-Basin and Exmouth Plateau) and generated regional maps and exploration prospects
- Generated and evaluated play concepts, prospects and leads in the client's assets
- Interpreted 2D and 3D seismic data of North Perth multi-client study in regional, field and prospect scales and generated reserve and prospect resource estimation
- Interpreted 2D and 3D seismic data of Beetaloo Sub-Basin, generated the Play Fairway Atlas, and created, quality-controlled, and analysed an extensive database in Northern Territory
- Evaluated a portfolio of opportunities for a client and planned geophysical studies, and proposed a new well location
- Collaborated with multiple clients from the tender stage to deliver seismic data, select test areas for reprocessing, and quality-controlled different versions of processed data to build geological models, extracting seismic attributes, creating well correlations, and updating petrophysical models
- Technically supported internal and external stakeholders in new ventures and existing exploration/appraisal opportunities with input to field management plans
- Prepared velocity analysis and depth-converted seismic data to build geological models based on the wells and seismic data
- Collaborated with several teams of seismic data processors, geologists, petrophysicists, and petroleum engineers on a range of projects throughout petroleum operations and developments, and economic evaluations
- Documented and Reported the results in technical reports and scientific papers, and presentations
- Produced and maintained GIS data, projects and maps

- **Academic Staff, 2016-2019**

Curtin University, WASM

Researcher in the project "The effect of supercritical CO₂ on shaly caprock."

- Conducted a research project which involved technical and analytical investigation of shale interaction with CO₂ in reservoir conditions
- Excellent collaborator as an active member of the Unconventional Gas Research Group
- Provided workshop and teaching support for undergraduate and graduate students in geophysics courses

- Geophysicist, 2010-2015

National Iranian Oil Company

Geophysicist as part of NIOC Exploration Directorate geophysics team

- Designed large 3D and 2D seismic data acquisition surveys using conventional and ray-tracing methods in Iran
- Supervised 2D and 3D seismic acquisition and logging programs in onshore remote locations, ensuring excellent data quality with exceptional commitment to safety in the workplace
- Expert in field data QC and on-site data processing workflows using OMNI and VISTA software packages
- Processed large seismic datasets from projects in the Iranian oil province, turning raw seismic and well data into a high-resolution subsurface image to guide exploration and selection of drilling site location
- Involved in different reservoir characterisation, geostatistical modelling, and 2D/3D seismic data interpretation and inversion projects integrating seismic and well data to develop static reservoir models
- Cooperated with other geologists, petrophysicists, and reservoir engineers of the team for play fairway analysis, prospect maturation, volumetric calculation, and risk assessment
- Documented the results and presented them to the management

EDUCATION

- PhD, The effect of supercritical CO₂ on shale caprocks, 2016-2020

Curtin University

- Master of Petroleum Engineering- Exploration, 2006-2008

Amirkabir University of Technology (Tehran Polytechnic)

Thesis: Pre-stack Time Migration of 2D Seismic data

- Bachelor of Mineral Exploration, 2000-2004

Amirkabir University of Technology (Tehran Polytechnic)

PROFESSIONAL MEMBERSHIP

- Member of the Petroleum Exploration Society of Australia (PESA)
- Member of the Australian Society of Exploration Geophysicists (ASEG)
- Member of the Society of Exploration Geophysicists (SEG)
- Member of the European Association of Geoscientists and Engineers (EAGE)
- Member of the American Association of Petroleum Geologists (AAPG)

PROFESSIONAL TRAINING

- Advanced geo-pressure course, Stephen O'Conner, Global GeoPressure Advice
- 4D seismic and reservoir monitoring technology, Mohsen Salem, GeoEnergy Petroleum
- Geostatistics for Seismic Data Integration in Earth Models, Olivier Dubrule, EAGE Short Course
- Exploration Petroleum Systems, Jean Mouillac, Total
- 3D Seismic Survey Management, A. Chaouch, Total

COMPUTER APPLICATIONS

- Expert in Omni, Vista, DUG Insight, Petrel, HampsonRussell
- Competent user of Kingdom, Petrosys
- Competent in programming Python and Matlab
- Competent user of ArcGIS, QGIS, and Surfer

- Expert in Microsoft Office Suite

TEACHING and MENTORING EXPERIENCE

- Presented “Applied Geology & Geophysics” workshops for undergraduates, “Petroleum Geology & Geophysics” workshops for postgraduates, and Tutored “Petrophysics and Reservoir Properties Laboratory” lab sessions, Department of Petroleum Eng., Curtin University, 2017
- Presented a HampsonRussell training course, NIOC, 2012
- Mentee with 2020 Industry Mentoring Program - PESA
- Industry Mentee with the 2019 Industry Mentoring Network in STEM (IMNIS)

REFERENCES

Available upon request.

Pooya Hadian - Screening Questionnaire

Application Details

Citizenship Status: Are you an Australian Citizen?: *Australian Citizenship is required for employment in Geoscience Australia.*

Response: **Yes**

Are you an Aboriginal / Torres Strait Islander?

Response: **No**

Code of Conduct: *Have you been the subject of disciplinary action under the APS Code of Conduct?*

Response: **No**

If yes, please provide details

Response:

Redundancy Details: *Have you received a redundancy from the Australian Government in the last 12 Months?*

Response: **No**

Redundancy Date: *If you have received a redundancy, what is the end date of your redundancy benefit restriction period?*

Response:

How did you hear of this vacancy?

Response: **Email Job Alert**

If other, where

Response:

Geoscience History: *Have you ever worked for Geoscience Australia before?*

Response: **No**

Security Clearance Details: *Do you currently hold an Australian Government security clearance?*

Response: **No**

Are you currently employed by the Commonwealth?: *If no, please proceed to the following question below - Are you a person with a disability?*

Response: **No**

Name of Commonwealth employer

Response:

On what basis are you employed?

Response:

AGS Number: *If you are currently employed by the Commonwealth, what is your AGS number? Please record this as an eight digit number ie 34512345*

Response:

What is your current APS or classification level?: *What is your current APS or classification level or equivalent?*

Response:

What is your current Acting level?: *What is your current ACTING APS or classification level or equivalent?*

Response:

Are you a person with a disability?

Response: **No**

Do you require reasonable adjustment?: *Do you require reasonable adjustments to attend assessment activities/interview?*

Response: **No**

If you answered yes, please describe:

Response:

Do you wish to opt in to RecruitAbility?: *Would you like to opt in to the RecruitAbility Scheme? Definition: The RecruitAbility disability definition is a current limitation, restriction or impairment, which has lasted, or is likely to last, for at least six months and restricts everyday activities. Includes episodic conditions if they are likely to recur. For more information see www.apsc.gov.au/disability/recruitability You will be progressed to further assessment if you declare you have a disability, opt into RecruitAbility, and meet the minimum requirements for the vacancy.*

Response: **No thanks**

Selection Criteria

Please attach your statement of claims here: *Further information and application can be found on our website: <http://www.ga.gov.au/about/careers> Referencing the role profile, please provide a brief statement (less than 700 words) outlining the value you would bring to Geoscience Australia, and how your skills, knowledge, experience and qualifications make you the best person for the job. If you have any questions regarding the role, please contact Donna Cathro (02 6249 9298, Donna.Cathro@ga.gov.au). If you require technical assistance, call Human Resources on (02) 6249 9777*

Response: **(Statement_Pooya Hadian_Geophysicist-Seismologist_GA.docx is attached)**

Merit Pool

Do you consent to your information being shared?

Response: **Yes**

Declaration

Declaration: *I declare that the information I have entered into this application form, and the information in my resume, is true and correct at the time of submission. I agree that selecting "YES" is equivalent to my signature.*

Response: **Yes**

Pooya Hadian

0449 055 971
pooyah@gmail.com

April 4, 2023

Dear Donna,

Please find enclosed my CV in response to your job advertisement on your website for Geophysicist - Seismologist (18824). The job attracted me because the role includes technical expertise, leadership, and interpersonal skills, which match my ideal job description. During my work experience, I have designed seismic surveys and supervised field data acquisitions, processed, interpreted, and delivered geophysical data. In addition, in my recent role, I have provided high-quality geoscientific advice to clients to achieve their work area goals. Subsequently, I was incredibly excited to see your website's recently advertised Seismologist role.

I was involved in several geoscientific studies in my current role with Molyneux Advisors. I provided quantitative interpretation to assist in lowering the risks related to exploration based on reprocessed data. In addition, I worked with stakeholders to undertake exploration programs such as designing, planning, and acquiring seismic data, and processing/re-processing of vintage seismic data to evaluate industry field and reservoir management strategies. I built and sustained positive relationships within a small team, and with external partners and clients at all levels through effective oral and written communication and influencing skills. I could contribute to your facility by using my background and recent experience in Australian Basins.

During my time working for NIOC Exploration Directorate, I worked with a highly specialised team to plan, design, and manage onshore seismic acquisition programs. The Exploration Directorate of National Oil Company oversees all aspects of geophysical exploration from designing seismic data acquisition surveys to data interpretation and explorational drilling. For my first couple of years working for NIOC, I undertook on-site data QA/QC and signal processing using a variety of software techniques. After this, I worked with a small group to design large onshore 2D and 3D surveys. I planned projects and implemented software applications with feedback from the interpretation of previous seismic data, and geological and GIS input to achieve the optimum survey design. I worked closely with the seismic processing team and non-seismic geophysical team to incorporate their inputs and needs. Meanwhile, all the operational activities and technical work were documented and presented to the managers by me. I am familiar with the project management software and implemented the concept and programs to set priorities and follow the timeline, delivering the best possible outcome promptly.

Through my academic and industry experience, I have developed strong technical and organisational skills to engage with stakeholders effectively. From my CV, you can see that I have demonstrable experience in scientific publication and communicating technical results. In addition, I thrive on challenges and have a proven ability to solve practical problems and complete tasks quickly, efficiently, and safely. My drive and integrity have led me to welcome new challenges. As a result, I keep educating myself in the newer area such as programming with Python.

Thank you for considering this application, and please do not hesitate to contact me at any time by phone or in writing if you have questions about any of the above.

I look forward to hearing from you.

Yours sincerely,
Pooya Hadian



Pooya Hadian - Application Review

SURVEY ANSWERED BY: YVETTE POUDJOM DJOMANI

Rating

Rating
Response:



Pooya Hadian - Application Review

SURVEY ANSWERED BY: ROSS COSTELLOE

Rating

Rating
Response:



Pooya Hadian - Application Review

SURVEY ANSWERED BY: DONNA CATHRO

Rating

Rating
Response:



Pooya Hadian - Application Review

SURVEY ANSWERED BY: MUHAMMAD HOSSAIN

Rating

Rating
Response:



Pooya Hadian - Application Review

SURVEY ANSWERED BY: CHAIR

Rating

Rating
Response:

Tan Geoscience - Applicant Summary

Surname: Geoscience	Given Names: Pham
Preferred Name: Tan	Salutation:
Gender: Male	Age: 40.4.19
Phone:	Mobile: 0908948088
Fax:	Email: pdtandvl45@gmail.com
Address:	Suburb:
State:	Post Code:
Country: Australia	Applicant Type: External
Status: In Progress	Recommendation:
Checklist Stage: Panel Review	Aurion Number:

Referees:

Title	First Name	Last Name	Job	Employer	Phone
Head of Project	Siti Normaizan	Bt Hassan	Petronals, Malaysia	Petronas Carigali Sdn Bhd	

Qualifications/Education:

Completed	Title	Type	Discipline	Institute
	Senior Geophysicist	Masters Degree	Geophysics- Seismic	

Pham Dinh Tan



Date of birth: 12 December 1982

Address: Hanoi, Vietnam

Mobile: +84908 948 088

Email: pdtandvl45@gmail.com

Linkedin URL: linkedin.com/in/tan-pham-7a08b366

Senior Geophysicist/Geoscientist

Detailed-oriented, dedicated, and seasoned Geophysicist and Geoscientist with more than 15 years leading diverse projects and geophysical interpretations for the Oil & Gas Industry. Conduct seismic interpretations on prospect generation and field development, and regional exploration projects utilizing in depth analysis and advance tools. Produced high-quality results and made technically sound recommendations. History of offering robust technical and methodical aptitude, blended with strong collaboration abilities to accomplish goals in an accurate and timely manner. Effective communicator that thrives in fast-paced, ever changing environments, building strong relationships with key stakeholders with a dedication and passion for delivering excellence in the work place. A proven team player who is enthusiastic, diligent, and upholds high ethical and professional standards.

Areas of expertise include:

- 2D/3D Seismic interpretation in depth analysis and structural geology
 - Time to depth conversion with advanced velocity models
 - Reservoir characterization (seismic attributes, rock physics and AVO/Inversion)
 - Wells design, RAR, FDP, Reservoir Geophysics and uncertainty assessment
 - Various reservoirs (clastic, carbonate and basement) with different geological settings
 - 3D survey design, 2D/3D Seismic Processing and QC (Broadseis, 4D, 4C seismic)
 - Diversity of the software (Petrel, Decision Space, Geoquest, Hampson Russell, etc.)
 - Sub-surface Integration study and team lead
-

PROFESSIONAL EXPERIENCE

EastSea Star Cooperation, Vietnam
Snr. Geophysicist

1/2021 -present

Lead overall Geophysical activities and provide strategic oversight of geophysical studies, seismic interpretations, and integration studies.

- Conducted an integration study for gross depositional environment of D and E sequences at Te Giac Trang field, Block 16-1. 3D seismic interpretation on reservoir development targets, seismic multi-attributes generation and analysis, reservoir properties maps with well results correlation on each target interval. Outlined stratigraphic traps and HIIP potential evaluation for further wells location planning in conjunction with other geological analysis.
- ULBH and 5.1 reservoir study for potential re-evaluation at TGT field, Block 16-1. 3D-seismic re-interpretation and updates on reservoir intervals, structural and stratigraphic

traps generation and analysis, reservoir properties maps (Vshale, porosity) for each intervals and evaluation for hydrocarbon potential in conjunction with petrophysical, geological studies.

- Technical specification building for rock physics module study in I2G software. Vs prediction, lithological classification and outlined polygons in domain analysis for well rock physics study.

Vietnam Petroleum Institute, Vietnam
Expert/Snr. Geoscientist

9/2016 -1/2021

Lead overall Geophysical_activities and provide strategic oversight of geophysical studies, seismic interpretations, and integration studies. Hold responsibility as Project Manager and key person in charge of massive services to build key relationships with core clients who include Vietsovpetro Joint Venture, PVEP-POC, and Rosneft Vietnam.

- Conducted an integration study for Lac Da Vang Field in Cuu Long Basin, offshore Vietnam, developed well location proposal and ODP/FDP plans. Outlined sand development and fracture distribution through analysis from all geological-geophysical and reservoir engineering data.
- Utilize experience in Lithology, porosity and saturation fluids prediction in collaboration with Joint PP/PS Inversion and analysis of 3D/4C OBC data in the Tho Trang area, Block 09-1 with further appraisal and production activities.
- Performed post-stack inversion and seismic attributes to predict sand distribution on Block 16-1/15, Block 12-11 and Block 09-1 for well planning locations.
- Conduct HIPP and RAR updates of Thien Nga-Hai Au area in Block 12/11, Nam Rong – Doi Moi oilfield in Block 09-1 and 09-3 in conjunction with multi-disciplines and having a proven track record of outstanding deliveries from Clients. Carried out a comprehensive study on block 09-1 FDP for infill wells and remaining potential evaluation by the integration of G&G and dynamic data involving multi-attributes analysis for domain division of fracture reservoir properties and classification for field development strategies.
- Advise, assist in all geophysical activities includes seismic interpretation, velocity model and quantitative interpretation studies such as Block 16-1/15 seismic interpretation and well location proposal, Block 09-1 3D/4C seismic attributes analysis, Block 01 & 02 rock physic study and seismic inversion.

Petronas Carigali Sdn Bhd, Malaysia
Snr. Geoscientist (Reservoir Geophysics)

11/2014 - 4/2016

Geophysics Lead in MLNG-2 project (10 fields in Sarawak basin), lead overall Geophysics technical works for MLNG-2 project (clastic and carbonate reservoirs), responsible for ensuring all Geophysical aspects of the studies are aligned with PCSB technical standards.

- Carried out 3D seismic interpretation of key reservoirs horizons for multiple field development and appraisal of Oil & Gas projects in the offshore Sarawak basin (Shallow Clastic field for infill wells and appraisal opportunities, D12 field for reservoir development strategy and upside potential, etc.). Collaborated with Geologist/GeoModeler to develop structural framework and facies model; utilized seismic attributes and depositional environment analysis to complete.
- Achieved accurate structure maps by Time to depth conversion through understanding and application of velocity models as determined of seismic velocity, VSP and geological data for volumetric evaluation and uncertainty analysis by using comprehensive Petrel application (Single Function, 2D Surface Base, 3D Grid Base and VoK models).

- Played integral role in providing geophysical inputs and worked in unison with Geologist/GeoModelers to resource volumetric assessment and field development planning. Provided uncertainty analysis and technical recommendations on remaining potential and wells location proposals.
- Application of Spectral decomposition and multi-attributes for depositional environment and log properties mapping (lithology and porosity prediction using well logs and multi-attributes). The potential areas based on the reservoir properties maps in conjunction with other studies were selected for development wells and/or appraisal opportunities.
- Advanced analysis of waveform classification using Petrel plug-in to extract facies geometry and distribution from seismic data to help populate 3D static models.
- Technical review and evaluation/recommendation for 3D seismic re-processing and seismic acquisition with new technology updates for D12 area, Sarawak basin.
- Technical coaching and training on jobs for junior staffs on skills development.

Japan Vietnam Petroleum Company, JX Nippon Oil & Gas Exploration

**Corporation, Vietnam
Geophysicist/Sn. Geophysicist**

7/2011 – 11/2014

Delivered outstanding results as the Geophysics lead in both exploration and field development, in regards to Rang Dong and Phuong Dong fields for production stability, while holding responsibility to expand opportunities for future operations.

- Developed outline and provided evaluations for exploration and appraisal in wide Block 15-2 reservoirs which were achieved through comprehensive 2D/3D seismic interpretation and conducting resource assessment studies.
- Facilitated evaluation of velocity sensitivity variation and depth conversion methods for Lower Miocene Reservoir of Rang Dong field to obtain correct gentle reservoir maps. Oil Water Contact analysis matched with reservoir maps utilized geological/geophysical and reservoir engineering data for reservoir model update and management.
- Achieved extended 5 years PSC contract of operations as outlined in the Rang Dong Lower Miocene and Basement Reservoirs RAR and FDP-2012. Update interpretation and report, presentation to Partners, PetroVietnam and Technical Expert Working Section Group. Approved by the government within a timely effective period.
- Planned a new 3D seismic acquisition survey with Broadband technique for the remaining potentials includes Clastics and Basement reservoirs in Block 15-2.

Additional Experience

- Geophysicist (2007-2009) | Lam Son Joint Operating Company, HCMC, Vietnam
- Processing Geophysicist (2005-2007) | Fairfield Vietnam Limited Company, HCMC, Vietnam

EDUCATION AND PROFESSIONAL DEVELOPMENT

Academic Qualification

- **Master Degree, Geophysicist** ○ Hanoi University of Mining & Geology – Hanoi, Vietnam, 2010
- **Bachelor of Science, Geophysicist** ○ Hanoi University of Mining & Geology – Hanoi, Vietnam, 2005

Tan Geoscience - Screening Questionnaire

Application Details

Citizenship Status: Are you an Australian Citizen?: *Australian Citizenship is required for employment in Geoscience Australia.*

Response: **No**

Are you an Aboriginal / Torres Strait Islander?

Response: **No**

Code of Conduct: *Have you been the subject of disciplinary action under the APS Code of Conduct?*

Response: **No**

If yes, please provide details

Response:

Redundancy Details: *Have you received a redundancy from the Australian Government in the last 12 Months?*

Response: **No**

Redundancy Date: *If you have received a redundancy, what is the end date of your redundancy benefit restriction period?*

Response:

How did you hear of this vacancy?

Response: **Email Job Alert**

If other, where

Response:

Geoscience History: *Have you ever worked for Geoscience Australia before?*

Response: **No**

Security Clearance Details: *Do you currently hold an Australian Government security clearance?*

Response: **No**

Are you currently employed by the Commonwealth?: *If no, please proceed to the following question below - Are you a person with a disability?*

Response: **No**

Name of Commonwealth employer

Response:

On what basis are you employed?

Response:

AGS Number: *If you are currently employed by the Commonwealth, what is your AGS number? Please record this as an eight digit number ie 34512345*

Response:

What is your current APS or classification level?: *What is your current APS or classification level or equivalent?*

Response:

What is your current Acting level?: *What is your current ACTING APS or classification level or equivalent?*

Response:

Are you a person with a disability?

Response: **No**

Do you require reasonable adjustment?: *Do you require reasonable adjustments to attend assessment activities/interview?*

Response: **No**

If you answered yes, please describe:

Response:

Do you wish to opt in to RecruitAbility?: *Would you like to opt in to the RecruitAbility Scheme? Definition: The RecruitAbility disability definition is a current limitation, restriction or impairment, which has lasted, or is likely to last, for at least six months and restricts everyday activities. Includes episodic conditions if they are likely to recur. For more information see www.apsc.gov.au/disability/recruitability You will be progressed to further assessment if you declare you have a disability, opt into RecruitAbility, and meet the minimum requirements for the vacancy.*

Response: **No thanks**

Selection Criteria

Please attach your statement of claims here: *Further information and application can be found on our website: <http://www.ga.gov.au/about/careers> Referencing the role profile, please provide a brief statement (less than 700 words) outlining the value you would bring to Geoscience Australia, and how your skills, knowledge, experience and qualifications make you the best person for the job. If you have any questions regarding the role, please contact Donna Cathro (02 6249 9298, Donna.Cathro@ga.gov.au). If you require technical assistance, call Human Resources on (02) 6249 9777*

Response: **(pham-tan-cover-letter 2023.docx is attached)**

Merit Pool

Do you consent to your information being shared?

Response: **Yes**

Declaration

Declaration: *I declare that the information I have entered into this application form, and the information in my resume, is true and correct at the time of submission. I agree that selecting "YES" is equivalent to my signature.*

Response: **Yes**

Pham Dinh Tan

Hanoi, Vietnam
pdtandvl45@gmail.com • +84908 948 088
linkedin.com/in/tan-pham-7ao8b366

Dear Madam/Sir,

Ready to further my career in partnership with a cutting-edge and future-facing organisation, The Company's need for a Geophysicist immediately caught my attention. As an innovative and insightful Geophysicist, your needs and my talents appear to be a perfect match.

Keenly focused on driving enterprise-wide success through proactive change management and comprehensive, strategic initiatives, I am able to promote exceptional across-the-board performance by revitalising underperforming areas and capturing new opportunities for growth. My track record of success has been reinforced by recruiting high-calibre talent and encouraging professional growth at all levels. Confident I can deliver the same results with your organisation, I invite you to review my CV in detail.

Highlights of the qualifications and background I offer include...

- Led geoscience exploration and development effort and utilised advanced and traditional technologies in the interpretation of geophysical and geological data, especially in development projects
- Expert in workstation applications in Geophysics including Petrel, Decision Space and Hampson-Russel specialized software
- Evaluated and integrated all geological, geophysical and reservoir engineering data for reservoir characterisation study.

Furthermore, I offer essential intangibles such as an engaging and collaborative management style, persuasive negotiating talents, and clear foresight to navigate around potential operational risks. I look forward to expanding on my career history, professional development, and personal character so we can pursue this partnership in greater depth. Please feel free to contact me at your convenience.

Sincerely,

Pham Dinh Tan

Enclosed



Tan Geoscience - Application Review

SURVEY ANSWERED BY: ROSS COSTELLOE

Rating

Rating
Response:



Tan Geoscience - Application Review

SURVEY ANSWERED BY: YVETTE POUDJOM DJOMANI

Rating

Rating
Response:

Tan Geoscience - Application Review

SURVEY ANSWERED BY: DONNA CATHRO

Rating

Rating
Response:

Tan Geoscience - Application Review

SURVEY ANSWERED BY: MUHAMMAD HOSSAIN

Rating

Rating
Response:

Tan Geoscience - Application Review

SURVEY ANSWERED BY: CHAIR

Rating

Rating
Response:

Vikash Tripathi - Applicant Summary

Surname: Tripathi	Given Names: Vikash
Preferred Name: Vikash	Salutation: Mr
Gender: Male	Age: 41.3.28
Phone: +61449511130	Mobile: +61449511130
Fax:	Email: vikashtripathi@yahoo.co.in
Address: 9D, Mahlberg Avenue	Suburb: Woodlands
State: WA	Post Code: 6018
Country: Australia	Applicant Type: External
Status: In Progress	Recommendation:
Checklist Stage: Panel Review	Aurion Number:

Referees:

Title	First Name	Last Name	Job	Employer	Phone
Mr	Simon	Stewart	Senior Geophysicist	Velseis Pty Ltd	
Dr.	Kane	Li	Lead Academic Tutor (Data Science)	Adelaide University	
Mr	Marcel	Rive	Geophysicist	Chevron Australia	

Qualifications/Education:

Completed	Title	Type	Discipline	Institute
28-FEB-2022	Graduate Diploma in Data Science	Graduate Diploma		University of Adelaide
30-SEP-2004		Masters Degree	Geophysics- Seismic	

VIKASH TRIPATHI (Geophysicist)

E-Mail: vikashtripathi@yahoo.co.in ~ Mobile: +61 449511130

- An enthusiastic and dedicated professional Geophysicist with rich and extensive experience in Offshore and onshore seismic data acquisition and processing projects
- **Active Member of “The Society of Exploration Geophysicists (SEG)”**
- Authored **“Sub Basalt Imaging: A Case Study from Offshore India”**, published in “GEOHORIZONS, July 2015” and was presented and well-acknowledged at GeoIndia, 2015
- Skilled in excellent data management for the internal and external client as per the production & contractual need
- Proficiently creating as well as confidently delivering technical presentations
- Play an important role in initiating, planning, executing, monitoring, and closing of all projects on or ahead of timeline with effective work planning, risk assessment and contingency plans
- Worked collaboratively with multi-disciplinary teams of Petro-physicists, Geoscientists, Reservoir Modelers and Data Scientists
- Coordinated with high-functioning, multidisciplinary technical teams, and multiple clients
- Managed all aspects of data collection, processing, analysis, storage, allocation, data quality control and time management
- Skilled to develop and maintain an efficient relationship with clients
- Working experience with convolution neural network (CNN) and deep neural network (DNN) of data modelling
- Working experience in seismic survey matching and merging from different vintages

KEY IMPACT AREAS

Geophysical data analysis & management

Project Management

Data storage and Deliveries

Maps & Attribute Generation

Reporting & Documentation

ACADEMIC DETAILS

Graduate Diploma in Data Science from The University of Adelaide, South Australia

M.Tech. (Applied Geophysics) from Indian Institute of Technology Roorkee, India in 2004

B.Sc. (Statistics, Physics & Mathematics) from University of Allahabad, India in 2000

PERSONAL DETAILS

Address: Perth, Australia

SKILL SET

- Multiple 2D & 3D PSTM and PSDM seismic data acquisition and processing projects
- Mapping client requirements for implementing new processes /modifying existing processes; evaluating and gathering all data to generate appropriate processes
- Involved in the selection of technologies, development of contingency plans and risk mitigation, liaising with vendors for procurement of hardware and software
- Taking care of Geophysical Data including field and processed data, post-processing data and using it for resource/mapping
- Performing diverse analysis, design, development, and implementation of geophysical databases
- Keeping adherence to project plan /schedule and budgetary guidelines, while ensuring compliance with quality process specifications
- Performing various activities on projects such as performing tests and Quality control tests in coordination with technology
- Working with Data Science and Geoscience Technology teams to develop advanced Geophysical workflows for deployment to business units across the globe
- Seeking to reduce workflow bottlenecks by recognising tool and workflow improvement opportunities spanning across multiple disciplines
- Applying innovative machine learning and artificial intelligence solutions to well and 3D seismic data for advanced interpretation techniques within the near-surface and subsurface

TRAININGS

- **“Time & Priority Management training”** from Australian Institute of Management
- **“Project Management Training”** from Mr. Ray Piper of Business Improvement Solutions Ltd. Co., Calgary and Mr. Gary Krause, Intercontinental Training Institute, Houston, Texas
- Completed following training courses
 - Internal Controls Essentials
 - Preventing Discrimination and Harassment
 - Avoiding Insider Trading
 - Global Anti-Corruption for TGS Personnel
 - Protecting Trade Secrets
 - Ethics and Compliance Essentials

WORK EXPERIENCE

Since Apr'22- till now working for Velseis Pty Ltd (Brisbane) remotely from Perth, Western Australian, as Senior Geophysicist

- Working on a newly acquired coal seam 2D-Land seismic data processing project
- Worked on a 2D-Marine multi vintage seismic data re-processing

Nov'21- Mach'22 for Probe Asia Pacific Pty Ltd at Perth, Western Australian, as Resource Coordinator (Analyst)

- Managed workload between teams
- Analysis of workload between staff working at different shifts
- Looked after the training need for different teams

June-Oct'21 with Shearwater GeoServices as QC-Geophysicist (Consultant)

- Worked during June-July'21, as on-board QC, and seismic data processing Geophysicist for 3500 sq Km 3D-marine multi-component seismic data acquisition project in Offshore Western Australia

Highlights:

- Data analysis of real time acquired data.
- Data analysis for attribute visualisation and mapping
- Data analysis QC & monitoring for its navigation (geospatial coordinates)
- Generation of coverage map and infill identification for the integrity of data held on systems.
- Maintain data quality control as per the contractual specification.
- Data storage and delivery (ftp & physical media)
- Daily and weekly reporting

- Could not join the later work because of border closure of Western Australia

Jan- May'21 with DGS Private Limited as Senior Geophysicist (Consultant)

Key Accountabilities:

Responsible for the 1000-line km seismic data acquisition & time and depth processing QC.

Highlights:

- Seismic data imaging of Coal seam, for Central Mine Planning and Design Institute (CMPDI, a fully owned subsidiary of Coal India Limited) India. Working remotely from Perth because of COVID-19 travel restrictions.

March- May'20 with EPI-Group (UK) as QC- Geophysicist (Consultant)

Highlights:

- I was hired as a client's QC- representative for a 3D seismic data acquisition project in western offshore India, but I could not work on this project because of COVID-19 travel restriction.

Dec'18-Dec'19 with Polarcus (Atlas Professionals), Australia as Field Geophysicist (Consultant)

Key Accountabilities:

Responsible for all the on-board priority processing testing, velocity modelling, its approval, production & QC.

Highlights:

- Worked for the 3 different seismic data acquisition, navigation & QC. Data management, disk storage management and delivery of different seismic data processing output as per contract.

Feb'17 -June'18 with Shearwater GeoServices, Mumbai, India as Senior Geophysicist (Consultant)

Key Accountabilities:

Responsible for all the aspects of seismic data processing projects with project management.

Highlights:

- Worked at all the aspects of four 3D marine seismic data processing (PSTM & PSDM) projects with project management and data management.

Nov'16 -Jan'17 with DownUnder Geophysical, Perth, Australia as Geophysicist (Consultant)

Highlights:

- Worked with DUG Perth where the main responsibility was to ensure quality control of a multi vintage 3D-seismic data processing project

Oct'11 to Jul'16 with TGS, Perth, Australia as Senior Geophysicist

Key Accountabilities:

Responsible for the complete seismic data processing projects which include geometry QC, managing, complete testing at each stage, QA/QC of data after each production, presentation & approval with clients and mentoring of junior staff.

Highlights:

- Finished the re-processing of 2D marine seismic data of Namibia before the stipulated date and was submitted to the client on a fast-track mode and PSTM with rewarding results
- Completed the below projects ahead of time to make data available for early interpretation and roadshow for TGS:
 - Deep water 2D broadband seismic data re-processing (PSTM) of Namibia offshore
 - Deep water 3D broadband seismic data processing (PSTM/PSDM) of North-West shelf Australia (multi-client)
 - Deep water 2D broadband seismic data processing (PSTM) of New Zealand offshore (multi-client)
 - Shallow water 3D broadband seismic data processing (PSTM/PSDM) of Barrow sub-basin Northwest Australia (multi-client)
 - Shallow water *long offset* 2D broadband seismic data re-processing (PSTM/PSDM) of Western offshore India
 - Deep water 3D broadband seismic data processing (PSTM) with the merge of two surveys (one new and other re-processing) of North-West shelf offshore Australia (multi-client)
 - Deep water 2D broadband seismic data processing (PSTM) of vintage and new data of Offshore Indonesia (Proprietary & multi-client)
- Raised the efficiency on the 2D marine PSTM Processing Offshore NZ by geologically consistent velocity auto-picking; the project was almost of 20,000 Km and completed 3 months earlier of the deadline
- Published a few technical papers by me as well as by the client based upon the imaging results of re-processing of long offset seismic data from western Offshore India

Jul'05 -Sep'11 with CGG, Mumbai as Geophysicist

Growth Path

Sep'07- Sep'11 Senior Geophysicist

Key Accountabilities:

Define, produce, and present the tests required for the validation of the production parameters, and develop, optimise and validate the production sequences. QA/QC of data at each stage from field record till final delivery. Delegate work, assist, and guide Junior Geophysicists in problem-solving.

Jul'05-Aug'07 Geophysicist

Key Accountabilities:

Working closely within a team on assigned Seismic data processing projects as per the processing flow. The product QC at different stages and velocity picking.

Highlights:

- Concluded the multi-vintage 2D Seismic Data processing project at CGG's Mumbai and Perth centres while managing clients based at Brisbane and London
- Processed the new 3D-Seismic Data acquired in the same area as the client had *discovered Gas* after the interpretation of Re-processing 2D-Land seismic data in North-East India
- Introduced the *Azimuthal Anisotropy* in Sabah offshore Malaysia; this resulted in an increase in the revenue by expanding the scope of the project by adding details like Anisotropic PSTM

COMPUTER SKILLS

-
- Proficient in working with software like GEOVATION, GEOCLUSTER, REVEAL, PRIMA, DUG Insight, ProMAX, WinGLink, SEISAN
 - Working expertise in UNIX, Bash, Python, R, VBA, Microsoft Office, MS Project, SQL
 - Proficient Workstation and PC user of Windows and LINUX platforms

Vikash Tripathi - Screening Questionnaire

Application Details

Citizenship Status: Are you an Australian Citizen?: *Australian Citizenship is required for employment in Geoscience Australia.*

Response: **Yes**

Are you an Aboriginal / Torres Strait Islander?

Response: **No**

Code of Conduct: *Have you been the subject of disciplinary action under the APS Code of Conduct?*

Response: **No**

If yes, please provide details

Response:

Redundancy Details: *Have you received a redundancy from the Australian Government in the last 12 Months?*

Response: **No**

Redundancy Date: *If you have received a redundancy, what is the end date of your redundancy benefit restriction period?*

Response:

How did you hear of this vacancy?

Response: **SEEK**

If other, where

Response:

Geoscience History: *Have you ever worked for Geoscience Australia before?*

Response: **No**

Security Clearance Details: *Do you currently hold an Australian Government security clearance?*

Response: **No**

Are you currently employed by the Commonwealth?: *If no, please proceed to the following question below - Are you a person with a disability?*

Response: **No**

Name of Commonwealth employer

Response:

On what basis are you employed?

Response:

AGS Number: *If you are currently employed by the Commonwealth, what is your AGS number? Please record this as an eight digit number ie 34512345*

Response:

What is your current APS or classification level?: *What is your current APS or classification level or equivalent?*

Response:

What is your current Acting level?: *What is your current ACTING APS or classification level or equivalent?*

Response:

Are you a person with a disability?

Response: **No**

Do you require reasonable adjustment?: *Do you require reasonable adjustments to attend assessment activities/interview?*

Response: **No**

If you answered yes, please describe:

Response:

Do you wish to opt in to RecruitAbility?: *Would you like to opt in to the RecruitAbility Scheme? Definition: The RecruitAbility disability definition is a current limitation, restriction or impairment, which has lasted, or is likely to last, for at least six months and restricts everyday activities. Includes episodic conditions if they are likely to recur. For more information see www.apsc.gov.au/disability/recruitability You will be progressed to further assessment if you declare you have a disability, opt into RecruitAbility, and meet the minimum requirements for the vacancy.*

Response: **No thanks**

Selection Criteria

Please attach your statement of claims here: *Further information and application can be found on our website: <http://www.ga.gov.au/about/careers> Referencing the role profile, please provide a brief statement (less than 700 words) outlining the value you would bring to Geoscience Australia, and how your skills, knowledge, experience and qualifications make you the best person for the job. If you have any questions regarding the role, please contact Donna Cathro (02 6249 9298, Donna.Cathro@ga.gov.au). If you require technical assistance, call Human Resources on (02) 6249 9777*

Response: **(VikashT_CoverLetter.pdf is attached)**

Merit Pool

Do you consent to your information being shared?

Response: **Yes**

Declaration

Declaration: *I declare that the information I have entered into this application form, and the information in my resume, is true and correct at the time of submission. I agree that selecting "YES" is equivalent to my signature.*

Response: **Yes**

Vikash Tripathi

Perth, Australia

+61 449511130

vikashtripathi@yahoo.co.in

Human Resources

30 March 2023

Geoscience Australia

To whom it may concern,

Re: Geophysicist

I would like to apply for the position of "**Geophysicist**" as advertised on Geoscience Australia's website. I believe my work experience and educational background fits this position perfectly well.

I hold a "Graduate Diploma in Data Science" from the "University of Adelaide". I have done master's (M. Tech.) in "Applied Geophysics" from the "Indian Institute of Technology (IIT) – Roorkee", India and graduated with (B.Sc.) in the subjects "Mathematics, Statistics and Physics" from "The University of Allahabad", India. I have done an Overseas Qualification Assessment of my degrees from India, and they all are Australian equivalents.

My career as a Geophysicist includes several 2D and 3D seismic acquisition and processing projects with many complex subsurface imaging challenges. I have been associated with multiple 2D/3D land, marine and transition zone seismic data processing projects across Australia, Indonesia, New Zealand, Malaysia, Myanmar, India, and Africa etc. I have worked on regional seismic lines and coal seam seismic data processing.

I have experience with international geophysical data and expertise in data management analysis and support: data loading, QC, transfer, manipulating, archiving, and restoring. Also, Implementation and standards following best practices and workflows to ensure the quality, confidentiality, security, and integrity of data.

I keep my project within plan and design and work collaboratively with all the stakeholders to make it happen. I follow the contractual obligations and to-do list and make sure that the timelines are being followed without any compromise on work quality.

I make sure that the data standards are kept as per the contract as well as on the technical ground. I always embrace new technology and try to adapt it to work. I update myself on a regular basis with the latest technologies and try to explain and update my team members to keep them updated with the latest technologies and their upcoming effects on our current or future datasets. I am a believer in mutual discussions to enhance knowledge and sharpen interpersonal skills. I am an active member of the Society of Exploration Geophysicists (SEG).

My roles have included data analysis, QA/QC, signal processing, and imaging with the latest technology available and according to the project's requirements based on the contract within the allocated time frame. I have experience in each step of seismic data analysis and processing to produce the best possible signal-to-noise ratio. I have always kept amplitude versus offset standard maintained unless it was purely structural imaging work. I have gained significant experience in seismic data survey matching and merging of different vintages to produce a seamless dataset. I also have exceptional teamwork skills and my command of cutting-edge technology is the result of years of experience and research.

I've been able to solve any problem I've ever encountered at any job on my own or with the help of my team. All my jobs consisted of meeting deadlines and completing specific tasks before the end of a day or week, and I had always made sure to understand the dynamics of the task and the team to complete my duties before they needed to be done. I have many times been trusted with more demanding and sometimes delicate tasks because I could be relied on to accomplish them.

My interpersonal skills have always helped me maintain cordial relationships with customers, ensuring quality and service norms to achieve client satisfaction and business retention. I am a selfless team player. I'm dedicated to the work I do wherever I work and whatever my responsibilities are. I'm keen on following through with every task or duty I'm assigned and keeping a positive outlook to benefit the company and inspire other employees.

I would like to thank you for your time towards my application and look forward to hearing from you for further discussion regarding my suitability for the position.

Sincerely,
Vikash Tripathi



Vikash Tripathi - Application Review

SURVEY ANSWERED BY: YVETTE POUDJOM DJOMANI

Rating

Rating
Response:



Vikash Tripathi - Application Review

SURVEY ANSWERED BY: ROSS COSTELLOE

Rating

Rating
Response:



Vikash Tripathi - Application Review

SURVEY ANSWERED BY: DONNA CATHRO

Rating

Rating
Response:

Vikash Tripathi - Application Review

SURVEY ANSWERED BY: MUHAMMAD HOSSAIN

Rating

Rating
Response:

Vikash Tripathi - Application Review

SURVEY ANSWERED BY: CHAIR

Rating

Rating
Response: