THANH DINH

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| CAREER OBJECTIVE |

Diligent Technical Data Specialist with over 13 years’ experience of Subsurface & Production Data Management & Applications Support. Excellence knowledge of seismic survey design & seismic data processing workflow setting up. Seeking an opportunity to bring value, professionalism, and timeliness to clients and other stakeholders.

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| Key skills |

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| * Subsurface & Engineering data management * Seismic Velocity Modelling & Time-Depth Conversion * Seismic data acquisition & processing * Balancing seismic surveys (time, phase and scale) * Data Governance & Workflows Design * Petroleum applications support & workflow delivery (Landmark-ProSource/Petrel/Studio) * Data quality standard creation & development * Linux/Oracle administration | * A thorough knowledge of Oil and Gas applications and the ability to quickly embrace the latest technologies * Capacity to defining objectives clearly and meet them by using innovation and creativity & communicating without ambiguity and adapting to different audiences * Expertise in change management and the ability to develop change policy and train staff to effect change strategies * Expertise in all kind of seismic velocity data (T-V pairs, 2D Velocity Sections, 3D Velocity Volumes…) |

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| IT Competencies |

* *Software*: Landmark-Halliburton Suite, CDS, Recall, EDM, Petrobank, Prosource/Petrel/Studio, GeoFrame, TechLog, Kingdom, MS Suite Office, Power user of Tibco Spotfire, Power BI, Tableau, GIS, OpenSpirit, GoCAD, IP, Finder, Geosigns, OFM, WellView
* *Hardware*: SCSI, RAID System, Tape devices
* *Database & technologies*: Oracle, MS Access, SQL Server, HTTP, FTP, TCP/UDP, SMTP, POP3
* *Operation System/Services*: MS Window, Linux/Unix, SharePoint, VMWare
* *Language Programming*: Window Shell, Python, SQL

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| REVEVANT PROJECTS |

* Basin to basin velocity data loading from SGY, ASCII raw data sources (Shell Australia)
* Indexing of proprietary seismic survey metadata by populating a continually up-to-date ArcGIS database - enabling rapid discovery and proactive sourcing of available data. (Shell Australia)
* Team member of a Data Day project – interviewed Subsurface team to acknowledge users’ data behaviours. Recognized opportunity to improve the way of working. Proposed new workflow to significantly overcome the time of seeking relevant data & verify their quality (Shell Australia)
* Extracted the pattern of drilling data activities of Operators in Western Australia to forecast the facets which lead to the success of a drilling activity using Python programming. The outcome can be reviewed by links: *https://github.com/dinhtienthanh/WA-data-mining*
* Completed an audit of all users and seismic projects to determine obsolete projects which not being used by users – so that projects and relevant un-used data could be archived and removed from the system. Saving network data and yearly IT service maintain cost (Shell Australia)
* OpenWork database consolidation; creating a master database project from multiple basin database projects. Scanned & removed duplicated data (wells, seismic volumes surveys…). Petroleum data imported from flat files. Supplied data with single version of truth to clients (Eni Vietnam)
* Successfully consolidated a Petrel Reference project from various sources (vintage data, multiple local Petrel projects, Landmarks database). Removed over 200 duplicated wells & ~10TB of duplicated seismic volumes. Quality attributes tagging for entire subsurface data types in the new Petrel project. (Eni Vietnam)
* Successfully create a velocity model by merging multiple 2D/3D surveys in multiple basins and calibrating with up-to-dated wells data (checkshots, time-depths table, picks…). Accurately applied the model for regional time-depth conversion. (CuulongJOC)
* Saved $400K service cost by using in-house manpower to build a ‘regional’ seismic project by merging & loading multiple local seismic surveys & volumes to a calculated mega survey (CuulongJOC)
* Deployed Technical Consultancy of Feasibility Study for E&P Data Centre - Vietnam Oil & Gas Group: Conducted interviews with over 100 users in multiple roles to get knowledge of client' data maturation model before consulting the feasibility of building an E&P data centre to meet user's expectations (Halliburton-Landmark)

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| Employment History |

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| *Apr 2019 - Present*  Database Analyst – Exxon Mobil |
| * Upstream data loading, database consolidation and production reporting * Subsurface database creation & querying using SQL * Reservoir data management & PLT data support * Oil Field data management & QC | |

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| |  | | --- | | *Nov 2014 - July 2018*  Senior Data Manager – Shell & Woodside Australia  (On behalf of DataCo Australia) | | * Provided subsurface data loading, workflows consultant and data quality metric reporting * Maintained subsurface data life-cycle consistency between operators/third parties/departments (different database platforms) with 100% of the data correctness * Source all relevant government open file wells and seismic data * Petrel/Studio/Landmark-OpenWorks database improvement & support * Velocity data loading & conversion * Interfaced with other groups: Tape Library, Geomatics team, Technical Support, to streamline workflows and resolve issues | |   *Apr 2013 - Nov 2014*  Petroleum Data Manager  Eni Vietnam - Ho Chi Minh, Vietnam | |
| * Petrel Reference Project management & Studio/OpenWork administration. * QC of current seismic processing and reprocessing. * Remediation of current and legacy seismic data * Provided Subject Master Expert assistance to the Subsurface team to design workflows to transfer data between applications |

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| *Sep 2011 - Apr 2013*  Subsurface Data Specialist  CuulongJOC - Ho Chi Minh, Vietnam |
| * Completed integrity QC for seismic surveys and instigated appropriate remedial action to seismic surveys prior to seismic balancing. * 2D/3D legacy data troubleshooting * Subsurface data migration from legacy system to Studio/OpenWork database | |
| *Sep 2006 - Aug 2011*  **Geo-science Consultant**  Landmark-Halliburton - Ho Chi Minh, Vietnam | |
| * Landmark database onsite support (BP Vienam, ConocoPhilip, Prtamina, Chevron, PTTEP…) * Geophysics application support & mentoring * Seismic data adaption required for subsequent use by interpreters | |

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| Education |

**Bachelor of Science** Geophysics

Hanoi University of Mining and Geology

*Hanoi, Vietnam*

**Data Analyst NanoDegree Program -** Certificate

Udacity

***Course Included***: *data analytic, data visualization and data statistic*

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| Training |

* Landmark software 2006-2011 – Landmark training centre, Malaysia
* ProMAX seismic data processing 2006 - Landmark training centre, Malaysia
* OpenWork for System Administrator 2007 - Landmark training centre, Indonesia
* Oracle database Administrator Workshop 2009 – Malaysia
* Redhat Linux Administrator Workshop completion 2009 - Malaysia.
* Depth Team Express for velocity modelling - Landmark training centre, Malaysia
* Petrel for Geophysicist 2012 & Petrel Studio for Administrator 2013 - Vietnam
* Data Quality Management Framework in-house 2015 - Shell Australia
* EP.16 Petrel Data Management Standards 2016 – Shell Australia
* Communication Skills Training 2017 – AccentWest
* Master Data Management workshop 2018 – PPDM

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| Additional Information |

* Presenter at the Oil and Gas Mobility Summit 2013, London on topic: "Upstream data mobility by data centralization feasibility study"