

# Amir Ali

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## PROFILE

A well-rounded individual who is detail-orientated with experience in high-level decision making during my time in the petroleum industry. An analytical thinker, with an approach to problems from first principles focusing on data analysis, forecasting and delivering insightful recommendations. Looking to join an organisation where self-development and continuous learning is valued. A consummate professional with a background in engineering, economics and programming, seeking to excel and become an asset to the company.

## KEY SKILLS

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|--------------------------------------|--------------------------------|-----------------------------|
| • Financial Analysis/Reporting       | • Python, JavaScript, React    | • Technological Proficiency |
| • Strategic Planning and Forecasting | • Django, Flask, Docker        | • Training and Development  |
| • Project and Client Management      | • PostgreSQL, MongoDB          | • Product Innovation        |
| • Economic Modelling, VBA, Macros    | • Testing with Jest            | • Commercial Acumen         |
| • Stakeholder Management             | • Metric Creation/Analysis     | • Detail Orientated         |
| • Leadership and Teamworking         | • Data Analysis/Interpretation | • Organised and Punctual    |

## EXPERIENCE

### Petroleum Economist, Hibiscus Petroleum

Kuala Lumpur, Malaysia / Aberdeen, Scotland

Oct 2019 – March 2021

- Evaluated and assessed economic viability of a North Sea billion-dollar project, including stress-testing 1000's of scenarios.
- Recommended and implemented petroleum economics evaluation techniques and modelling systems for project analysis using Visual Basic and Macros.
- Modelling economics of reservoirs with a large degree of uncertainty.
- Visualized data of models and presented them to senior internal and external partners including OGA regulatory authorities.
- Oversaw transformational change to strategy of all operations due to initial economic constraints.
- Provided direct input into economic evaluation and techno-commercial aspects of project implementation plans and economic parameters/sensitivities required for project execution.
- Contributed to Drilling and Completions department and helped design Drilling Program of wells and also Relief Well Planning.
- Conducted risk assessments of drilling locations and of semisubmersible drillships.

### Traffic Management Supervisor, Sporting Solutions

Glasgow, Scotland

July 2014 – Oct 2014

- Managed all transport routes around SECC and Hydro Arena sites prior, during and post Commonwealth Games. Promotion from small team leader to supervisor of 41.
- Coordinating and overseeing the security staff in the designated buildings and sites. I focused on devising strategies, appointing personnel, and implementing protocols that would ensure the safety of an establishment, goods, and the people inside.

### Research Analyst, School of Physics, University of Glasgow

Glasgow, Scotland

May 2013 – Aug 2013

- Analysis of the atomic structure of ceramic materials for microwave filters applications.
- Producing a description of the typical unit cell, the position of the different atoms and possible deviation, due to polarization.

- Work formed basis for further research including 3D model of the atomic structure and to provide validation for the model.
- Co-authored paper, “Tungsten Bronze Barium Neodymium Titanate: an Intrinsic Nano-Structured Material and its Defect Distribution” in the Organic Chemistry Journal.
- Report of findings was awarded the Gold CREST Award by University of Aberdeen.

## QUALIFICATIONS & PROFESSIONAL TRAINING

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### **Full Stack Developer, Futureproof**

**Remote (London)**

**Apr 2022 – July 2022**

- Web development (JavaScript, React, Databases, and Python).
- App development.

### **MSc Petroleum Engineering, Institute of Petroleum Engineering, Heriot Watt University,**

**Putrajaya, Malaysia / Edinburgh**

**Oct 2018 – June 2020**

- Merit
- Awarded Hibiscus Scholarship Fellowship based on academic excellence.

### **BEng Petroleum Engineering, University of Leeds**

**Leeds, England**

**Oct 2015 – June 2018**

- First Class Honours
- President of Petroleum Engineering Leeds Chapter

### **Higher Education Certificate, Mechanical & Petroleum Engineering, University of Salford,**

**Salford, England**

**Oct 2014 – June 2015**

- First in class (79%)

### **Higher National Certificate (HNC) in Accounting, City of Glasgow College**

**Glasgow, Scotland**

**Sep 2013 – Jun 2014**

- Graded Unit: A

## TRANSFERABLE EXPERTISE

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**Operations/Project Management:** Project delivery, working to deadlines, budget and within project scope. Team management and overseeing resource activities; set goals, defining roles, and producing schedules of tasks.

**Data Analysis:** Expertise gained from industry and academic training in areas such as well test analysis, reservoir engineering and mathematics to arrange, sort and interpret data. Implement set of practices and processes that lead to development of a set of well-formed requirements from which solutions can be developed.

**Stakeholder Management:** Work and collaborate with multiple stakeholders including external customers, taking initiative and engaging with teams to achieve successful project outcomes

## INTERESTS

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- Enjoy playing tennis, football, poker, improving coding skills, and adding to the portfolio.
- Follow current affairs and have an appreciation of their impact on financial markets.
- Growing interest in Central Bank implementation and adoption of CBDC's and the practical uses of it. Likewise, the normalisation of crypto and the step-change this will have for TradFi in the med-long term from the standpoint of inclusivity, custodianship, and yield-generation.
- Also, the growing consumer demand of applications with data sources that are backed by definitive truth in a trust-less environment.