

SHUBHAM DUBEY

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CAREER OBJECTIVE

Dedicated petroleum engineering professional with expertise in upstream operations, reservoir management, and digital oilfield technologies. Passionate about optimizing hydrocarbon recovery, enhancing operational efficiency, and integrating cutting-edge engineering solutions into the energy sector. Seeking opportunities to leverage technical and analytical skills in petroleum exploration, drilling, and production operations.

EDUCATION

B. Tech. in Applied Petroleum Engineering (Upstream)

University of Petroleum and Energy Studies | 2019 - 2023

Class XII | CBSE

Percentage: 80% | 2018 - 2019

Class X | CBSE

Percentage: 92% | 2016 - 2017

TECHNICAL SKILLS

- **Petroleum Engineering Tools:** Pipesim, Prosper, FieldPRO, Sitecom, DW Simulation Software
 - **Reservoir & Drilling Engineering:** Reservoir modeling, pressure transient analysis, wellbore stability
 - **Production Optimization:** Artificial lift methods, flow assurance, enhanced oil recovery (EOR) techniques
 - **Programming & Data Analysis:** Python (Certified), SQL, C (Certified), C++ (Certified), Java (Certified)
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WORK EXPERIENCE

Technical Analyst

Kongsberg Digital India | Bangalore, India | Feb 2023 - Present

- Provided technical support for Kongsberg Digital's oil and gas software solutions, maintaining a **high customer satisfaction rate**.
- Diagnosed and resolved upstream software issues in collaboration with engineering teams, reducing issue resolution.
- Worked extensively with **WITS and WITSML** standards to ensure seamless real-time data transmission and integration in drilling operations.
- Developed and optimized **SQL queries** for data retrieval and management in upstream applications, enhancing data analysis efficiency.
- Assisted in **client support and software troubleshooting**, ensuring smooth operation and minimal downtime for users.

Intern

HP Oil Gas Pvt Ltd | June 2022 - July 2022

- Worked extensively on **City Gas Distribution (CGD) engineering**, optimizing pipeline infrastructure for efficient gas delivery.
- Assisted in **pipeline design, route selection, and material optimization** to ensure cost-effective and safe operations.
- Conducted **hydrostatic testing and integrity assessment** for pipeline networks, ensuring regulatory compliance and safety.
- Analyzed **gas distribution logistics and demand forecasting**, contributing to improved network expansion strategies.
- Gained hands-on exposure to **cathodic protection techniques** for mitigating pipeline corrosion.

CERTIFICATIONS

- **Advanced Petroleum Reservoir Engineering** – Society of Petroleum Engineers (SPE)
- **Data Science Using Python** – University of Michigan
- **Microsoft Certified: Azure Fundamentals (AZ-900)**
- **Fundamentals of Digital Marketing** – Google
- **Introduction to Financial Markets** – Coursera
- **Machine Learning for Business Professionals** – Coursera
- **Microsoft Certified: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB (DP-600)**

ADDITIONAL INFORMATION

- Strong analytical and problem-solving skills in petroleum reservoir modeling and production optimization.
- Passionate about integrating **AI/ML applications in petroleum engineering** for predictive maintenance and operational efficiency.
- Excellent teamwork and leadership abilities, demonstrated through technical support and collaborative upstream projects.