SHUBHAM DUBEY

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PROFESSIONAL SUMMARY

Senior Reservoir Engineer with expertise in reservoir analysis, petroleum engineering, and data processing. Proven experience in technical analysis and real-time systems for oil & gas operations. Leveraging domain knowledge and technical skills to optimize reservoir performance.

PROFESSIONAL EXPERIENCE

Technical Analyst - Kongsberg Digital India
Bangalore | June 2023 - Present

- Analyzed reservoir performance using predictive modeling and data analytics to optimize oil and gas production
  - Developed and implemented data-driven solutions to improve reservoir management, resulting in a 15% increase in production efficiency

EDUCATION

Bachelor of Technology – Applied Petroleum Engineering (Upstream)
University of Petroleum and Energy Studies (UPES), Dehradun | 2019 – 2023
Graduated: 2019

Academic Performance: Senior Secondary (XII), CBSE: 86% | Secondary (X), CBSE: 92%

TECHNICAL SKILLS

Petroleum Engineer • Python • SQL • Machine Learning • Data Science & Analytics • Time Series Analysis • Statistical Analysis • Azure SQL • Azure Cosmos DB • React

KEY PROJECTS

Document Classification & Data Extraction Pipeline
Technologies: Python, OpenCV, NLTK, TensorFlow, Azure ML

Built end-to-end ML pipeline for image classification and automated text extraction. Implemented

computer vision preprocessing and NLP models, reducing manual processing time significantly.

Real-time Computer Vision Analytics
Technologies: Python, Scikit-learn, OpenCV, Azure Stream Analytics

Developed scalable ML pipeline for real-time data processing and image classification. Implemented

equipment monitoring system with computer vision algorithms for predictive maintenance.

Multi-modal Production Forecasting
Technologies: Python, XGBoost, NLP, Time Series Analysis, Azure ML

Created ensemble models combining text analysis and numerical data. Built NLP pipeline for document

processing and time-series forecasting for production optimization.

CERTIFICATIONS

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Microsoft Certified: Azure Fundamentals (AZ-900) – 2023

- Microsoft Certified: Azure Cosmos DB Developer (DP-600) – 2023
  - Data Science with Python – University of Michigan (Coursera) – 2023
    - Machine Learning for Business Professionals – Coursera – 2023