SHUBHAM DUBEY

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CAREER OBJECTIVE
Petroleum Engineering graduate with
LinkedIn: shubham-dubey-2a629418b

PROFESSIONAL EXPERIENCE

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

- Built ETL pipelines processing 10M+ data points daily using Python and SQL,
- Developed predictive ML models for equipment failure prediction.
- Created automated data extraction systems from documents and sensor data using computer vision
- Designed Azure-based ML architecture with microservices orchestration for enterprise clients.
- Collaborated with DevOps teams to deploy ML models into production using Azure Service Fabric

Engineering Intern - HP Oil Gas Pvt Ltd
June 2022 - July 2022

- Conducted statistical analysis on pipeline data using Python and advanced analytics techniques
- Developed data validation frameworks for network optimization and safety pattern identification

EDUCATION

Bachelor of Technology – Applied Petroleum Engineering (Upstream)
University

University of Petroleum and Energy Studies (UPES), Dehradun | 2019 – 2023
University

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

TECHNICAL SKILLS

Petroleum Engineer • Python • SQL

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

- 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

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ADDITIONAL INFORMATION

- Core Competencies: Scalable ML pipelines, Computer vision applications, NLP solutions, Model
- deployment and optimization, Cross-functional collaboration with DevOps and Data Engineering teams
- Professional Strengths: Problem-solving mindset, Strong analytical thinking, Excellent communication
- skills, Adaptability with evolving technologies, Proven track record of delivering measurable business
- impact