

# SHUBHAM DUBEY

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## CAREER OBJECTIVE

Petroleum Engineering graduate with

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## PROFESSIONAL EXPERIENCE

### **Technical Analyst** - Kongsberg Digital India, Bangalore

| June 2023 - Present

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### **Engineering Intern** - HP Oil Gas Pvt Ltd

| June 2022 - July 2022

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## 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**

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