# SHUBHAM DUBEY

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## CAREER SUMMARY

Analytical and results-oriented professional with hands-on experience in data analysis, SQL, and real-time operations. Adept at bridging engineering knowledge with digital solutions to improve efficiency. Certified in Python, SQL, Azure, and digital marketing, with a strong foundation in upstream oil and gas operations. Passionate about using data-driven insights and AI/ML tools to solve complex problems.

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## KEY SKILLS & TOOLS

- **Programming & Analytics:** Python (Certified), SQL, Java, C/C++, Data Visualization

- **Petroleum Engineering:** Reservoir modeling, wellbore stability, artificial lift, flow assurance, EOR

- **Simulation Tools:** Pipesim, Prosper, FieldPRO, Sitecom, Drillbench (DW)

- **Cloud & Digital Tools:** Azure Fundamentals (AZ-900), Cosmos DB (DP-600), WITS/WITSML standards

- **Other:** Data Science, Predictive Analytics, Digital Oilfield Technologies

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## PROFESSIONAL EXPERIENCE

### Technical Analyst
*Kongsberg Digital India – Bangalore | Jun 2023 – Present*

- Leveraged **real-time drilling and production data** (WITS/WITSML) to support operational efficiency.

- Designed **SQL-based ETL pipelines** for drilling insights, enhancing decision-making across teams.

- Diagnosed and resolved complex upstream software issues, improving client response time by 30%.

- Collaborated with cross-functional teams to implement **predictive analytics** models for operations.

- Acted as the link between engineering and data teams to streamline digital oilfield deployments.

**Engineering Intern – City Gas Distribution (CGD)**
*HP Oil Gas Pvt Ltd | Jun 2022 – Jul 2022*

- Contributed to **pipeline route design** and materials optimization for urban gas delivery systems.

- Assisted in **hydrostatic testing** and **integrity analysis**, improving regulatory compliance and safety.

- Analyzed **gas demand and logistics** data to aid in network expansion plans.

- Gained exposure to **corrosion mitigation** via cathodic protection systems.

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## EDUCATION

**B.Tech in Applied Petroleum Engineering (Upstream)**
University of Petroleum and Energy Studies | 2019 – 2023

**Class XII (CBSE)** – 86% | 2018 – 2019
**Class X (CBSE)** – 92% | 2016 – 2017

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## CERTIFICATIONS

- Microsoft Certified: **Azure Fundamentals (AZ-900)**

- Microsoft Certified: **Azure Cosmos DB (DP-600)**

- **Data Science with Python** – University of Michigan

- **Machine Learning for Business Professionals** – Coursera

- **Advanced Petroleum Reservoir Engineering** – SPE

- **Introduction to Financial Markets** – Coursera

- **Google Fundamentals of Digital Marketing**

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## ADDITIONAL INFORMATION

- Strong blend of **technical, analytical, and communication skills**.

- Enthusiastic about applying **AI/ML** to predictive modeling and operational optimization.

- Known for **cross-team collaboration**, technical support, and leadership in project execution.