

# Soham Amol Dube

+91-7775939391 | [ssohamdube@gmail.com](mailto:ssohamdube@gmail.com) | [www.linkedin.com/in/soham-dube007](https://www.linkedin.com/in/soham-dube007) | [github.com/sohamac](https://github.com/sohamac)

## SUMMARY

---

Self-driven and impact-oriented Data Science enthusiast with hands-on experience in Machine Learning, Gen AI, and scalable analytics systems. Adept at building deployable ML models, full-stack applications, and working in cross-functional teams. Actively seeking the Associate Data Scientist role at Motorq to apply my problem-solving mindset to real-world, high-scale challenges.

## TECHNICAL SKILLS

---

**Programming Languages:** Python(3/5), C++(3/5), SQL(4/5)

**Deep Learning Frameworks:** TensorFlow, PyTorch, Keras

**Libraries & Tools:** Scikit-learn, Hugging Face, Pandas, NumPy, OpenAI API, LangChain, Apache Spark, Flask, Streamlit, Tableau, Git, Docker, REST APIs, Excel, MongoDB, Next.js, Node.js, React

## PROJECTS

---

### Fuel Blend Prediction (Shell Hackathon)

XGBoost, LightGBM, Python, Ensemble ML

- Designed ensemble prediction system to model fuel blends from 100k+ sensor readings.
- Optimized runtime to < 5 mins, enabling real-time predictions.
- Achieved 86%+ score, ranked Top 10% nationally in Shell Hackathon.

### TraViT: Travel Matchmaking Web App for Students

Full-stack | Next.js, Node.js, MongoDB, Gmail OAuth

- Engineered MERN-based web app matching students with similar travel plans via date, location, and preferences.
- Secured platform using Gmail-only login, ensuring verified access to ViT students only.
- Created RESTful APIs and responsive front-end using React and Next.js.

## EXPERIENCE

---

### AI Research Trainee – IBM SkillsBuild

Gen AI Using Watsonx | Virtual | May 2025 – Jun 2025

Domain: Generative AI / LLMs

- Explored foundation models and their deployment via IBM Watsonx.
- Developed and tested Gen AI workflows including text generation and prompt optimization.
- Completed capstone project involving Watsonx Assistant + Data Refinement Studio.
- Earned verified certificate with practical, lab-based experience.

## EDUCATION

---

### VIT Bhopal University

B.Tech in Computer Science and Engineering(AI&ML)

CGPA:- 8.46

### New High School and Junior College

12th

Sehore, MP

Aug 2023 – May 2027

Parli, MH

April 2021 – May 2023

## CERTIFICATIONS

---

- Gen AI using IBM Watsonx – IBM (2025)
- Cloud Computing – NPTEL (IIT) | Score: 82/100