

Mohit Rathod

Vadodara, Gujarat • mohitrathod723@gmail.com • 8200257844 • [linkedin.com/in/mohit-rathod-7991241b5](https://www.linkedin.com/in/mohit-rathod-7991241b5)
github.com/Mohit0199 • mohit0199.github.io

Data Scientist with a B.Sc. in Chemistry and 2+ years of analytical lab experience, now applying analytical thinking to AI and data. Skilled in Machine Learning, Deep Learning, NLP, and Generative AI, with hands-on experience delivering end-to-end solutions from data preprocessing and model training to AI agents and RAG-based applications. Focused on solving real-world problems through intelligent, data-driven systems.

WORK EXPERIENCE

LAB CHEMIST

Apr 2021 - Sep 2023

Declan Industries Pvt. Ltd

Ankleshwar, Gujarat

Analyzed and calibrated laboratory instruments including weight balances, Karl Fischer, and FTIR. Recorded and reported data for various chemical analyses, ensuring 100% accuracy and compliance with industry standards. Collaborated with the quality control team to maintain high standards of laboratory practices.

Data Science Intern

Oct 2024 - Nov 2024

CodeAlpha

Remote

Developed a Titanic survival prediction system analyzing key factors like age, gender, and socio-economic status. Built an LSTM-based stock price predictor and created a linear regression model for diamond price prediction.

EDUCATION

BACHELOR OF SCIENCE IN CHEMISTRY

2020

COLLEGE OF COMPUTER, SCIENCE & INFORMATION TECHNOLOGY, JUNAGADH

CGPA: 6.55

DATA SCIENCE WITH GENERATIVE AI COURSE by PW Skills

2025

Gained hands-on experience in Python, machine learning, deep learning, and generative AI tools.

Built real-world projects like an AI SQL Agent, AI Blog Generator, PDF Chatbot, YouTube QnA Bot, and AI web scraper.

Developed a strong foundation in data preprocessing, model development, and automation workflows.

Passionate about solving problems with AI-powered solutions.

TECHNICAL SKILLS

Languages & Databases: Python, SQL, MySQL

Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Power BI, Excel

Machine Learning & Deep Learning: Scikit-Learn, TensorFlow, PyTorch

Natural Language Processing: Transformers, NLTK, spaCy

Generative AI & RAG: Google Gemini, OpenAI, Ollama, LangChain

AI Agents & Automation: CrewAI, Agentic workflows, Task & Tool orchestration

Mathematics for ML: Statistics, Probability, Linear Algebra

Other Tools: MS Word, Git, Jupyter Notebook

CERTIFICATIONS

- Data Science Masters – PW Skills (2025)
- Complete Data Science Bootcamp – Udemy (2024)
- The Complete Python Pro Bootcamp – Udemy (2024)
- Tata Data Visualization Job Simulation – Forage (Sep 2024)

LANGUAGES

ENGLISH • GUJARATI • HINDI