

SOHAM CHOUDHARI

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Portfolio: soham1123.github.io/soham-portfolio-2.0



EDUCATION

Bachelor of Engineering in Artificial Intelligence

2021-2025

GH Raisoni College of Engineering, Nagpur

CGPA: 7.40

Defense Career Academy, Aurangabad

2020-2021

HSC: 79% (Class: XII)

Indira Gandhi Garden School, Chandrapur

2018-2019

CBSE: 56% (Class: X)

TECHNICAL SKILLS

Programming: Python (NumPy, Pandas, SciPy), SQL.

Frameworks & Libraries: Scikit-learn, TensorFlow, Kera's, PyTorch, stats models.

Machine Learning: Regression, Decision Trees, Random Forest, SVM, k-NN, k-Means.

Deep Learning: ANN, CNN, RNN/LSTM, NLP.

Tools: GitHub, Stream lit, ChatGPT, Gemini, Claude.

Other: Data Analysis, EDA, OOP's, LLM Models, Gen AI.

INTERSHIP EXPERIENCE

AI Variant | Data Science Intern

July 2025 – Dec 2025

- Developed an ARIMA-based stock price forecasting system for Apple Inc. using Python, Pandas, and Stream lit, featuring real-time interactive dashboards and achieving 95% trend prediction accuracy to support data-driven investment decisions.

Soft Growth Infotech | ML Intern

Dec 2024 - June 2025

- Developed an AI-driven insurance fraud detection system using Python with XGBoost, SVM, and KMeans, integrating feature selection and confidence scoring. The system achieved an 18% improvement in accuracy and automated claim verification, helping reduce financial losses.

PROJECTS

Bioactivity Prediction MODEL- Developed optimized ML models) to predict chemical compound bioactivity, improving accuracy by 15% for faster drug discovery screening.

Resume Classification using NLP - Built a resume classification system using BERT and Transformer models to automatically categorize resumes into relevant job domains, improving recruitment efficiency.

CERTIFICATES

AI Foundation Associate – Oracle

Generative AI – Udemy

Machine Learning – Udemy

Data Science Professional Certificate – ExcelR