SAURABH KUCHE

+ 91 9130716849 | Github | saurabhkuche2@gmail.com | LinkedIn | Pune, Maharashtra, India

Aspiring Data Scientist with expertise in Machine Learning and data analysis. Passionate about leveraging data-driven solutions to enhance performance and drive impactful insights.

EDUCATION

Indian Institute of Technology, Madras — Expected graduation 2027
B.Sc in Data Science | CGPA: 8.5

JSPM's Rajarshi Shahu College Of Engineering, Pune — Expected graduation 2026
B.Tech in Computer Engineering | CGPA: 8.9

Deogiri College, Chatrapathi Sambhajinagar — June 2020 - March 2022
HSC | Percentage: 84

Oyster English High School, Chatrapathi Sambhajinagar — March 2020
CBSE | Percentage: 90.20

INTERNSHIP EXPERIENCE

Intern l Altair Data Science Master Virtual Internship — 04/2024 – 06/2024
□ Developed interactive dashboards and visualizations using Python, Matplotlib, Seaborn, and Tableau to aid executive decision-making. Utilized machine learning for predictive modeling and exploratory data analysis to uncover actionable insights from large datasets.

Intern l Tata Data Visualization: Empowering Business with Effective Insights Job Simulation — 05/2024 – 06/2024
□ Developed targeted questions for senior leadership meetings to guide discussions and align project goals with client needs, and created visual data analysis tools to provide executives with actionable insights for better business decisions.

Intern l Google AI/ML Virtual Internship — 01/2024 – 03/2024
□ Proficient in Android Studio and Google tools, specializing in computer vision and machine learning algorithms to develop innovative applications and enhance user experiences.

PROJECTS

□ **GoFarm - AI-Powered Agricultural Price Prediction** | Tools Used: Python, Machine Learning, Flask, API, Blockchain, Predictive Modelling
Developed GoFarm, an AI-powered price prediction system for agricultural commodities. Leveraged machine learning to analyze demand, pricing trends, and market factors. Integrated blockchain for secure transactions, AI for quality assessment, and multilingual support for seamless trade.

□ **WhatsApp Chat Analyzer** | Tools Used: Python, Machine Learning, Flask, API, Blockchain, Predictive Modelling
Designed to process and analyze exported WhatsApp chat data, providing comprehensive insights through a user- friendly interface.

□ **Weather Forecasting Application** | Tools Used: Python, Machine Learning, API, Tkinter, OOP, Modular Coding.
Developed a Python-based weather app forecasting up to 10 days, Integrating real time APIs, data visualization with Matplotlib and Seaborn, and a Tkinter interface. Added a subscription service for email updates and implemented OOP principles for maintainable code.

□ **SereniPulse: A Stress Level Predictor** | Tools Used: Python, Machine Learning, Dataset Handling.
Conducted EDA and developed predictive models using custom dataset to enhance stress level predictions. Presented finding through presentations, blog posts, and articles, earning recognition in the college magazine.

□ **Smart Grid Optimization** | Tools Used: Machine Learning, Energy System Optimizations, Data Analysis.
Applied machine learning to enhance smart grid performance, improving power forecasting and grid stability for more efficient and sustainable energy distribution. Enhanced resource allocation strategies for better operational efficiency. Contributed to sustainable energy practices through smart grid optimization.

TECHNICAL SKILLS

□ Programming languages: Python,SQL,CPP
□ Data Science: Machine learning,time series analysis,exploratory data analysis
□ Data Visualization: Matplotlib, Seaborn, Tableau, Power BI, Plotly
□ Big Data & Cloud: Hadoop, Spark, AWS (S3, EC2, SageMaker), Google Cloud
□ Databases: MongoDB, MySQL
□ Web Development and MLOps: Flask, FastAPI, Docker, Kubernetes

HONORS AND AWARDS

□ Secured 5th position (2023) and 3rd runner-up (2025) at IIT Kharagpur Project Competition for innovative AI-driven solutions.
□ Top team at the college-level inter-college Smart India Hackathon(SIH) for AI-based Traffic Management System project
□ Proudly earned NPTEL Silver Medals in the courses "Python for Data Science " and "Introduction to Machine Learning"
□ Outstanding Achievement Award in "Computational Statistics with ML" from Senior Faculty
□ Featured in College Magazine for contributions to technical articles, including "Stress Level Prediction"
□ Appreciation certificate for Recursion 2.0 coding competition
□ Completed "IoT and ML training" by Bolt and achieved certification
□ Completed "Databases and SQL for Data Science with Python" certification by IBM on Coursera.
□ Certified in DSA by GFG with 300+ problems solved and earned a Gold Badge on HackerRank for exceptional coding skills.