

Om Chaudhary

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Professional Summary

Results-driven Data Science enthusiast with a strong background in Machine Learning, Deep Learning, and Data Engineering. Experienced in developing ML models, handling large datasets, and deploying solutions on AWS. Passionate about leveraging AI and data analytics to drive innovation.

Education

Bachelor of Engineering in Information Technology
Savitribai Phule Pune University (SPPU)

Expected Graduation: 2026

Skills

Programming: Python, C++, Java, JavaScript

Machine Learning: Supervised & Unsupervised Learning, Deep Learning, NLP

Frameworks: PyTorch, TensorFlow, Scikit-learn

Cloud & Tools: AWS (S3, Athena, EC2), Docker, Git, Jupyter

Data Engineering: SQL, PostgreSQL, MongoDB, Data Pipelines, MLOps

Experience

Stock Market Prediction Model

2024 - Present

- Built a hybrid ML model (LSTM + XGBoost) to predict NIFTY trends using historical data and real-time feeds.
- Integrated Upstox API for real-time stock and option chain data collection.
- Applied sentiment analysis on financial news to improve predictive accuracy.

Gaming Community Platform (Hackathon Winner)

2024

- Led a team to develop a real-time gaming community platform with React and Django.
- Integrated CometChat SDK for chat functionality and managed deployment via Vercel and Render.

Billing Software Web Application

2024

- Developed a full-stack billing and analytics application using Django and React.
- Designed secure financial transaction storage with PostgreSQL and automated report generation.

Achievements & Leadership

- **Hackathon Winner (CometChat)** — 3rd place for AI-enhanced gaming platform.
- **Secretary, Department of IT, MET BKC** (2024 – Present).
- **CSR Representative** (2023 – 2024).

Alignment with Sony Research India Internship

- Hands-on experience with PyTorch, TensorFlow, and AWS services (S3, Athena, EC2).
- Strong foundation in ML/DL, including model training, optimization, and deployment.
- Experience in developing predictive models and dashboards for real-time insights.
- Passionate about AI research and implementing cutting-edge solutions.