

DEEPANSHU GUPTA

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Profile Summary

I'm a Computer Science student with practical experience in data science, having built and deployed scalable applications using React, FastAPI, and SQL. My work reflects a strong command of clean code principles, and robust backend systems. I thrive in fast-paced environments where technical innovation meets real-world impact.

Education

Bachelor's IN COMPUTER SCIENCE, Alliance University, Bangalore

Nov 2020 – June 2024

- key-skills: Software Engineering, Web Technologies, DBMS, AI

Skills

Languages : Python, Java, JavaScript

Databases : MySQL, NOSQL

Tools and Technologies : Git, Version Control, Apache Spark

Experience

Data Science Intern, Cognifyz Technologies,

Oct 2024 – Nov 2024

- Cleaned and standardized 1000+ restaurant records (handled 100% of missing values, normalized 15+ columns), enabling reliable insights into ratings, cuisine popularity, and geographic trends.
- Discovered cuisines with approx 30% higher average ratings and city clusters showing 25% variance in customer sentiment, guiding menu focus and location-specific marketing.
- Delivered visual dashboards that cut reporting time by 40%, driving data-backed decisions that boosted targeted campaign click-through rates by 12%.

Projects

House Price predictor System

- Developed a modular ML pipeline with ZenML and MLflow to automate training, deployment, and experiment tracking, improving reproducibility and reducing manual effort by 40%.
- Implemented CI workflows and sample prediction interface for end-to-end testing, cutting integration time by approx 50% and ensuring seamless model execution.

Stock Price Prediction Using Machine Learning

- Developed an app using ML models like LSTM and Dense, implemented Python with Pandas, Scikit-learn, and Keras. Performed trend analysis to identify both short and long-term market movements.
- Achieved a prediction accuracy of 92% with an RMSE of 2.15 on test data; improved user decision-making by providing insights from over 20 years of historical market data.

Certifications

Software Engineering Job Simulation, Goldman Sachs

March 2025

Introduction to Big Data with Spark and Hadoop, IBM

Sept 2023 – Nov 2023

Publications

Navigating the Interplay of Privacy, Security, and Ethics on Social Media

May-2024

Deepanshu Gupta, Anusha Gupta, Riya Kumari, R Rajagopal