KRISH GUPTA

Software Developer | Data Analytics | Machine Learning | Java Backend

[redacted] GitHub [redacted] LinkedIn

EDUCATION

Bachelor of Science (BSc) – Data Science / Programming

Indian Institute of Technology Madras (IITM)

2024 – Present

IIT Madras

Program in Software Development

Physics Wallah Institute of Innovation Bengaluru

2024 – Present

Physics Wallah IOI

SKILLS

Languages: C, C++, Java, SQL, Python
Core: Data Structures & Algorithms (DSA) , DBMS, Operating Systems, Computer Networks, OOPs
Frameworks: Spring Boot, Flask, Express.js
Libraries: NumPy, Pandas, Matplotlib, Seaborn, Power BI, Tableau
Machine Learning: Scikit-learn, Regression, EDA, Feature Engineering, Model Evaluation
Web: HTML, CSS, Javascript
Other: Git, Competitive Programming

ACHIEVEMENTS

- Solved 300+ DSA problems across platforms
- Solved 400+ problems on Codeforces
- Focused on writing optimized and efficient solutions.

SUMMARY

Software Developer with strong foundations in Java, Python, Data Structures & Algorithms, and Backend Development. Experienced in Data Analytics and Machine Learning through hands-on projects involving data cleaning, exploratory data analysis, visualization, dashboarding, and predictive modeling. Skilled in SQL, NumPy, Pandas, Scikit-learn, Power BI, and Tableau, with a passion for building scalable software and data-driven solutions.

PROJECTS

PLACEMENT PORTAL APPLICATION *(JAN 2026 – MAR 2026)*

- Developed a role-based Placement Portal using Flask, SQLite, HTML, Bootstrap, and Jinja2.
- Implemented authentication and access control for Admin, Company, and Student modules
- Built features for placement drives, applications, and status tracking
- Designed database schema ensuring data consistency and integrity
- Designed an efficient workflow for placement management and user interactions.

NYC HOUSE PRICE PREDICTION USING LINEAR REGRESSION *(JULY 2026)*

- Built a Linear Regression model to predict NYC property prices using historical housing sales data.
- Performed data cleaning, feature engineering, categorical encoding, and outlier treatment.
- Performed EDA and visualization using Pandas, Matplotlib, and Seaborn.
- Evaluated model performance using RMSE, MSE, and R^2 metrics.