RISHABH RALLI

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github.com/Royalcoder990

EDUCATION

B.Tech - CSE, Jaypee Institute of Information Technology — Sep 2021 - Jun 2025
Current CGPA: 8.3

Class XII - CBSE, Delhi Public School Sector-132, Noida — Apr 2020 - May 2021
Percentage: 96.8

Class X - CBSE, Delhi Public School Sector-132, Noida — Apr 2018 - May 2019
Percentage: 94.4

SKILLS

Languages	C, C++, CPP, OOPs, Python, JavaScript, SQL, Java
Development	HTML, CSS, JavaScript, ReactJS.
AI and ML	Python, Machine Learning, Deep Learning
Data Science	Scikit-Learn, Matplotlib
Developer tools	GitHub, Git, Linux, Software Testing,
Database	MySQL, MongoDB

EXPERIENCE

Software Engineering Intern — Jun 2024 - July 2024
Nucleus Software Exports Ltd — ***In Office***

- Designed and implemented an API adapter in Java for efficient data transfer using JSON thus reducing complexity and eliminating the need of POJOS for configuring data models for third party interactions.
- Engineered data transformation processes to convert complex field structures into JSON format using GSON.
- Resolved challenges in data conversion.

PROJECTS

CasaHub: Developed a full-stack Real Estate application using the MERN stack, featuring a user-friendly interface for property browsing and real-time chat functionality with Socket.io. Implemented JWT for authentication, Prisma for database management, and utilized Context API and React Router DOM for state management and navigation.

Credit Card Approval Prediction System: Developed a Credit Card Approval System utilizing logistic regression on historical applicant data. Conducted data preprocessing, filled missing values, and assessed model performance with a confusion matrix.

ChainSentinel: Developed an ensemble learning model to detect fraudulent transactions within blockchain networks. By combining multiple machine learning algorithms such as TabNet, SVM, and XGBoost, the model enhances fraud detection accuracy, addressing the complexities and dynamic nature of blockchain transactions.

CERTIFICATIONS

- 2023 Web Development Bootcamp, Udemy
- Beginning C++ Programming- Beginner to Beyond from Udemy

ACHIEVEMENTS AND LEADERSHIP

- Led a team to secure 3rd place out of 650 teams in the city-wide BitBox 3.0 hackathon by developing an innovative app solution within 24 hours.
- Solved 150 + problems on: LeetCode.