


RUDRA PRATAP SINGH

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<https://github.com/rudra635>

SUMMARY

Aspiring software developer skilled in Python, and web technologies, with hands-on experience in full-stack projects and a focus on continuous learning.

EDUCATION

Galgotias University, Greater Noida

2022 – 2026

B.Tech - Computer Science and Engineering (AIML) - CGPA - 7.5

Greater Noida, Uttar Pradesh

Class 12th(Senior Secondary)

2021

H L S INTER COLLEGE - Percentage - 86

Dewamanpur, Kanpur Nagar, Uttar Pradesh

Class 10th(Secondary)

2019

H L S INTER COLLEGE - Percentage - 86

Dewamanpur, Kanpur Nagar, Uttar Pradesh

INTERNSHIP

October 2024 - December 2024

- Built end-to-end web features with a Java/Spring Boot backend and React front-end, covering REST API design, database integration (MySQL/JPA), and responsive UI components.
- Implemented agile best practices—participated in virtual sprints, code reviews, CI/CD pipelines (Git, Maven, Jenkins)—to deliver production-ready modules on schedule.
- Enhanced performance and security by tuning JVM settings, adding caching and JWT-based authentication, and writing unit/integration tests to boost code coverage above 85 percentage .

PROJECTS

Smart Traffic Management System  | [Java](#)

Dec 2024

- Developed and implemented Automatic Number Plate Recognition (ANPR) and Automatic Traffic Counting and Classification (ATCC) systems using image processing and machine learning techniques.
- Collaborated on smart traffic solutions aimed at enhancing real-time traffic monitoring, vehicle classification, and congestion management.
- Gained hands-on experience with tools such as OpenCV, Python, and relevant APIs, while contributing to the development of intelligent transport systems.

SKILLS

Languages: Python, C, C++, Java, JavaScript, SQL

Technologies/Frameworks: HTML, CSS, Javascript, Bootstrap

Developer Tools: , VS Code, IntelliJ, Jupiter Notebook, GitHub, Canva

SOFT SKILLS

Disciplined, Quick Learner, Analytical Thinker with Strong Problem-Solving Abilities, Collaborative and Team-Oriented, Reliable and Time-Conscious

CERTIFICATIONS

- Introduction to OpenAI GPT Models training by Infosys Springboard
- Introduction to Artificial Intelligence by Infosys Springboard
- Database programming with SQL by Oracle Academy
- Software Engineering and Agile software development on Infosys Springboard