Prince Gupta

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Summary

Resourceful Computer Science student with a strong foundation in programming, problem-solving, and full-stack development. Skilled in **Java, Spring Boot, React.js, Docker, and MySQL** for building scalable software solutions. Experienced in collaborating with teams, defining requirements, and delivering reliable deployments. Focused on **system performance, code optimization, automated testing, and best practices**.

Education

Chaudhary Charan Singh University , Bachelor Of Technology in Computer Science   Sept 2023 – 2027

- GPA: 7.4/10.0
- **Coursework:** Operating System, Data Structure and Algorithms, Computer Networks, Software Engineering, DBMS, Computer Organization and Architecture

Experience

National Disaster Response Force (NDRF) , Govt Of India – 8th Battalion, Ghaziabad   March 2025 – May 2025

- As Project Lead , Repaired and optimized drone hardware–software integration for robust emergency operations.
- Enhanced autonomous drone features (Return-to-Home, Auto Safe Landing, fail-safes) to improve mission reliability.
- Integrated sensors and real-time data processing to boost situational awareness for responders.
- Developed AI automation modules for autonomous surveillance and rescue in inaccessible zones.
- Led cross-functional team efforts and ensured alignment with NDRF disaster-response objectives.

Projects

Code For Challenge   codeforchallenge.com

- Engineered core backend services using Spring Boot and MySQL to support 500+ monthly active users. Designed and implemented RESTful APIs and containerized microservices with Docker, improving system reliability and performance.
- Developed interactive frontend using React.js with a custom code editor (syntax highlighting, autocompletion) Integrated user profiles, discussion forums, and leaderboards to foster a collaborative coding community and enhance learning.

Technologies

Languages And Framework : Java, JavaScript , React , SpringBoot

Technologies And Tools: Docker, Git, MySQL, n8n, ChatGPT

Achievements

1. Completed over 100+ algorithmic challenges on LeetCode and CodeChef, enhancing coding proficiency and efficiency.

2. Led a team as Sub-Technical Head of the Google Developer Student Club (GDSC), at SCRIET, organizing 5+ technical workshops with 200+ participants.

3. Competed in multiple **national-level hackathons at IITs and NITs**, building innovative AI/ML and software-driven solutions under tight deadlines.