Ridham Garg

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Summary

Software Engineering Intern aspirant with strong foundations in Data Structures, Algorithms, and Object-Oriented Programming (Java). Experienced in building scalable SaaS backend systems, RESTful services, and distributed components. Comfortable working in Agile/Scrum environments, writing clean, testable code, debugging production issues, and taking end-to-end ownership of features. Hands-on exposure to Java, MySQL, AWS, system design, and cloud-deployed applications.

Technical Skills

Languages: Java, Python, C++, JavaScript
Backend: Spring Boot (basics), Node.js, Express.js, REST APIs, JWT, OAuth 2.0, Apache Tomcat (basic)
Databases: MySQL, PostgreSQL, MongoDB, Firestore
Cloud & DevOps: AWS (EC2, S3), Docker, Git
Core CS: DSA, OOPs, DBMS, OS, Computer Networks
Practices: Debugging, Unit Testing, Integration Testing, Agile, Scrum

Soft Skills

Problem Solving, Team Collaboration, Communication, Ownership, Time Management, Adaptability

Projects

HireScope – AI-Powered ATS & Interview Assistant
• Designed scalable SaaS-style backend architecture with secure REST APIs.
• Implemented authentication using JWT, bcrypt, and OAuth 2.0.
• Built resume–JD matching engine improving match relevance by ~30%.
• Developed real-time interview chat using Socket.IO with concurrent users.
• Focused on clean code, debugging, testing, and API performance optimization.

Game Hub – Microservices Module
• Refactored Spring Boot monolith into microservices architecture.
• Improved fault tolerance, scalability, and service isolation.
• Gained exposure to distributed systems and Tomcat deployment.

Experience

Core Team Member – GDG CIET | Sep 2024 – Present
• Collaborated with developers to organize technical workshops and events

Web Head – IEI CIET | Sep 2023 – Present
• Owned end-to-end development and maintenance of responsive web platforms.

Education

Bachelor of Engineering – Computer Science Engineering
Chitkara University, Patiala | 2023–2027

Additional Highlights

Solved **DSA problems** across arrays, strings, recursion, DP, trees, and graphs.
Strong problem-solving mindset with experience working under tight timelines.
Comfortable reading legacy code, debugging issues, and improving performance.