Vishwas Verma

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Professional Summary

Motivated Software Developer with a strong foundation in Java, Spring Boot, and Hibernate, along with practical exposure to QA testing using Selenium and JMeter. Skilled in developing and testing full-stack applications, IoT systems, and embedded solutions through academic projects and training. Passionate about applying my knowledge to deliver high-quality, reliable software. Ready to bring fresh ideas and a strong work ethic to a dynamic team.

Skills

- Programming Languages: Core Java, Advanced Java, C, C++, Python
- Java Frameworks and Technologies: Spring Framework, Spring Boot, Spring MVC, Hibernate (ORM), JDBC, JPA, CI/CD
- Web Technologies: RESTful Web Services, HTML, CSS, JavaScript, ReactJS
- Databases: MySQL, SQL, NoSQL
- Testing: Manual Testing, Automated Testing (Selenium), Load Testing (JMeter), Regression Testing, STLC, SDLC
- Tools and Platforms: Linux, Git, GitHub, IntelliJ IDE, Eclipse IDE, JIRA, Postman, API Testing, Testing Methodologies
- Others: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), SDLC Methodologies

Education

- PG-Diploma: CDAC ATCS, Infoway Pune (Sept '23 - Feb '24) - Grade: 64%
- B.Tech: Bhilai Institute of Technology, Durg, Chhattisgarh (Aug '19 - June '23) - Electronics and Telecommunications, Grade: 82%
- HSC: S.S.AV., Hudco, Bhilai (May '18 - Feb '19) - Grade: 61%
- SSC: D.A.V. Public School, Hudco, Bhilai (June '16 - April '17) - Grade: 74%

Projects

•Drug Distribution Management System (CDAC):

 Developed a full-stack web application using Spring Boot for the backend and MySQL for the database. Designed and implemented RESTful APIs for seamless data exchange between the backend and frontend (ReactJS). Executed comprehensive test plans and automated test scripts using Selenium for regression testing. Conducted load testing with JMeter to assess performance under high traffic.

•Home Automation System (B.I.T. Durg):

 Contributed to backend development using Java and C++ with a focus on IoT and Embedded Systems. Programmed and debugged the system, ensuring smooth functionality. Implemented test cases and automation scripts to verify system reliability and performance.

•IoT based Smart GAMLA (Idea Lab):

 Worked on backend development as part of a five-person team using Java and C++. Focused on programming, modeling, and debugging. Integrated LCD screen data display functionality. Created and executed test cases to validate the system's performance and durability.

Internships and Certifications

- IoT and Embedded System (NIELIT) (Jan '22 - Feb '22)
- Java Programming, Python Programming, and Data Science (NIELIT) (Apr '22 - May '22)
- IDEA Lab, AICTE Lab, and BIT Durg (Apr '22 - May '22)

Languages : Hindi , English