ASWIN U NAIR

Full Stack Java Developer

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SUMMARY

Dynamic Full Stack Developer with over 2 years of experience in designing, developing, and deploying scalable web applications. Proficient in Java, Spring Boot, ReactJS, and SQL databases, with expertise in building robust backend systems and user-centric frontends. Skilled in CI/CD pipelines, debugging, and testing. A strong advocate for agile methodologies and continuous improvement, committed to delivering high-quality, secure software solutions.

EXPERIENCE

09/2022 - Present
Mumbai, India

Software Engineer
Capgemini

- Designed and deployed full-stack web applications using Java Spring Boot and Struts for backend and ReactJS, HTML, CSS, JavaScript, and jQuery for frontend, increasing user engagement by 20% and reducing page load times by 15%.
- Optimized relational databases in Oracle DBMS, reducing query response times by 30% through indexing and query optimization.
- Collaborated on API integrations and backend enhancements, improving system response times by 20% and streamlining data flow between services.
- Resolved critical issues, reducing error resolution time by 40% and enhancing application stability, leading to a 25% improvement in user satisfaction.
- Implemented CI/CD pipelines and leveraged GitHub Copilot for automated testing and debugging, accelerating development cycles by 25%.
- Partnered with QA teams to reduce reported bugs by 35%, ensuring a reliable and user-friendly product.

EDUCATION

Bachelor of Technology in Mechanical Engineering
National Institute of Technology, Calicut – Kerala, India
May 2018 – May 2022

LANGUAGES

Malayalam	Native	English	Intermediate	Hindi	Beginner

SKILLS

Programming Languages
Java, Python, C, JavaScript, TypeScript
Frameworks and Technologies
Spring Boot, ReactJS, Struts2, Node.js, jQuery, React Hooks
Web Development
HTML5, CSS3, REST APIs, SOAP, JSON
Databases
Oracle DBMS, PostgreSQL, MySQL
Tools and Platforms
Git & GitHub, SVN, Docker, CI/CD Pipelines, Jenkins, Debugging Tools
Testing and Debugging
Automated Testing, Manual Testing, JUnit, Mockito
Methodologies and Practices
Agile Methodologies (Scrum), SDLC, Microservices
Soft Skills
Problem-Solving, Team Collaboration, Time Management, Communication Skills

PROJECTS

Online Flat Rental Application

- Built a microservices-based backend using Spring Boot and PostgreSQL, improving user experience and reducing load times by 15%.
- Designed and implemented RESTful APIs to support seamless interactions between frontend and backend.

My Todo List

- Created a responsive To-Do List Manager using Flask and PostgreSQL, hosted on Heroku.
- Implemented user authentication and optimized database queries to enhance security and efficiency.