Aswin U Nair

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Summary

Java Full-Stack Developer with 2+ years of experience in building scalable web applications and microservices using Spring Boot and ReactJS. Skilled in designing secure, high-performance APIs and optimizing backend systems for complex business needs. Certified in Azure Cloud Fundamentals and GitHub Copilot, recognized for strong problem-solving and leadership skills in agile environments.

Education

B-Tech in Mechanical Engineering   *May 2018 – May 2022*
National Institute Of Technology, Calicut
CGPA: 8.82/10.00

Skills

Programming Languages: Java, SQL, JavaScript
Web Technologies: : RESTful APIs, React, Next.js, Docker, XML, JSON, HTML5, CSS3, Git, SVN
Frameworks: Spring Boot, Spring Data, Spring Cloud, Hibernate, Spring JPA, Struts2
Databases: MySQL, PostgreSQL, Oracle, NoSQL
Methodologies: Agile, OOP, Microservices, TDD
Tools: GitHub Copilot (GenAI), Eclipse, Maven, VS Code
Core Skills: Data Structures Algorithms (DSA), Problem-Solving, Collaboration, Communication, Adaptability

Experience

Software Engineer, Capgemini   *Sept 2022 – Present*
Mumbai, India

- Developed and optimized a documentation subscription system using Spring Boot, reducing processing time by 30%
- Conducted code reviews and mentored junior developers, boosting team productivity
- Built and deployed RESTful APIs, improving system performance by 25%
- Utilized GitHub Copilot for documentation, test case generation, and debugging, accelerating development by 30%
- Resolved critical issues and incidents, reducing urgent production JIRA tickets by 80%, enhancing application stability
- Collaborated with cross-functional teams to ensure timely delivery of high-quality solutions

Project

Online Flat Rental Application

- Built a scalable rental application using Java Spring Boot (Microservices) and ReactJS
- Implemented Spring Cloud Config Server for centralized property management and Spring Cloud Gateway for API routing, reducing latency by 15%
- Configured Spring Cloud Config Server for centralized property management and Implemented Spring Cloud Gateway for API routing, reducing response times by 15%.
- Designed and implemented RESTful APIs to support seamless interactions between frontend and backend

E-Commerce Microservices Platform

- Developed a full-stack e-commerce platform using Node.js, React, Next.js, and MongoDB
- Implemented event-driven communication with NATS, containerized services using Docker, and deployed via Kubernetes
- Gained hands-on experience in building scalable, cloud-native applications with CI/CD and automated testing.

Awards & Achievements

- Azure Cloud Fundamentals (AZ-900): Certified in cloud computing fundamentals
- GitHub Copilot Certified
- Qualified in JEE Main & Advanced

Languages

English (Full Professional Proficiency), Hindi (Professional Working Proficiency), Malayalam (Native Proficiency)