Abinesh R.

Java Developer

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Professional Summary

Java Developer with strong expertise in back-end systems using Java and Spring Boot. Proven experience in developing high-performance scalable applications and designing microservices-based systems. Demonstrated leadership in cloud deployments, CI/CD automation, and backend architecture. Follow SOLID principles and industry best practices for clean, maintainable code.

Skills

Languages: Java, Python, HTML, CSS, JavaScript, SQL, NoSQL
Frameworks/Libraries: Spring Boot, Reactive Spring, Spring Security, Spring Cloud, Spring GraphQL, JPA, Hibernate, Quarkus, JSP, J2EE, Thymeleaf, JTE, NodeJS, Express
Frontend: React, Tailwind CSS
Testing: JUnit, Mockito
CI/CD: GitHub Actions, Actions Runner
Cloud/DevOps: AWS EC2, S3, Route53, Linux, Docker, Kubernetes
Databases: PostgreSQL, MySQL, MariaDB, MongoDB, Redis
Authentication: Auth0/Okta
Tools: SonarQube, Sentry, ELK Stack, Grafana Stack
Concepts: Microservices, Reactive Programming, REST, GraphQL, GRPC, SOAP, Web Socket, Multithreading, Virtual Threads, Streams, System Design, SOLID Principles

Experience

RBZ Infotech *Nov 2024 – Present*
Software Engineer, Chennai, India

- Led the back-end development of a healthcare platform that includes appointment scheduling, patient data, provider services, and more.
- Designed scalable back-end architecture using Java and Spring Boot, following SOLID principles.
- Deployed infrastructure using AWS EC2, GitHub Actions, and Actions Runner.
- Acted as code reviewer and merge master, managing phased releases and team execution.

Freelance Project – Home Decor ERP *Jan 2024 – Jul 2024*
Software Engineer, Remote

- Built a complete back-end system for inventory, sales, and customer management using Java and Spring Boot.
- Integrated JWT-based authentication and role-based access using Spring Security.
- Backed MongoDB data to AWS S3 and deployed application on AWS EC2.
- Configured CI/CD pipelines using GitHub Actions and Actions Runner.

Projects

Grow Practice – Java, Spring Boot, MySQL, Spring Security, Auth0
Led back-end development of a healthcare platform. Focused on scalability, security, and automation. CI/CD, monitoring, and deployment are handled via GitHub Actions and AWS.

Retail ERP – Java, Spring Boot, MongoDB
Built high-performance back-end services for a large-scale ERP system. Improved latency by 40% and designed secure authentication with Spring Security.

Video Streaming Platform – Java, Spring Boot, MySQL, JavaScript, Zipkin
Developed microservices-based video app with load balancing and service discovery. Used Zipkin for tracing and latency monitoring.

Image Text Extraction – Java, Spring Boot, Thymeleaf, Tesseract OCR
Built OCR-based image parser using Java and Tesseract. Enabled easy uploads and accurate text extraction via a web interface.

Education

B.S. in Computer Science, Ramakrishna Mission Vivekananda College, Chennai   *2021 – 2024*
CGPA: 7.3

HSC, Government Higher Secondary School, Brammadesam   *2020 – 2021*
Percentage: 77.5%

Certifications

- Java Programming – Coursera (link)
- Spring Data MongoDB – Amigos Code (link)
- Spring Security - Amigos Code (link)

Sof Skills

- Leadership
- Adaptability
- Time Management

Languages

Tamil: Native (Fluent speaking, reading, and writing)
English: Fluent in reading/writing, Intermediate oral skills