KARAN KRISHNATH DEVKATE

JAVA DEVELOPER

Expertise In Microservices Architecture, Cloud Deployment, RESTful API Development & Documentation

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SUMMARY

Java Backend Developer with 10+ months of hands-on experience in designing and developing RESTful APIs and Microservices using Spring Boot. Experienced in database management with PostgreSQL, MySQL, and deploying applications on AWS with Docker and Jenkins for CI/CD pipeline. Adept at enhancing performance, documenting APIs, and working collaboratively in Agile environments. Committed to developing scalable and reliable backend systems while contributing to the delivery of high-quality software.

TECHNICAL SKILLS

Core: Java 8, Collections Framework, Multithreading, Exception Handling, Object-Oriented Programming (OOP)

Frameworks & Libraries: Spring Framework, Spring Boot, Spring MVC, Spring Data JPA, Resilience4j, JWT

Microservices & Messaging: REST APIs, Eureka Server (Service Discovery), API Gateway, WebClient, RestTemplate, Apache Kafka

Databases: PostgreSQL, MySQL, SQL, DBeaver, pgAdmin, RDBMS Management

DevOps & Cloud: Git, GitHub, Bitbucket, Docker, DockerHub, Jenkins CI/CD Pipeline, AWS (EC2, IAM, RDS), Cloud Deployment

Testing & Tools: Postman, Swagger, JUnit, MobaXterm, Maven, UML (PlantUML)

Methodologies & Practices: Agile, SDLC, Clean Architecture, SOLID Principles, Unit Testing

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WORK EXPERIENCE

First Quad Tech Solutions – Pune   **Nov 2024 – Present**
Software Engineer

- Designed and integrated RESTful APIs and backend workflows for the Society Maintenance App using Spring Boot and PostgreSQL. Utilized Caffeine caching to improve performance by **30%**.
- Integrated AWS RDS database to ensure data consistency and seamless collaboration across the team.
- Automated key processes using CRON expressions, improving system efficiency and reducing manual overhead.
- Ensured code quality and reliability by writing unit tests, performing static analysis with SonarQube, and conducting API testing and documentation using Swagger and Postman.
- Deployed and managed the application on AWS EC2, optimizing performance and reliability.
- Collaborated in an Agile environment, tracked sprint progress, and coordinated across teams to improve delivery quality and reduce integration issues.

First Quad Tech Solutions – Pune   **Jun 2024 – Nov 2024**
Java Developer Intern

- Applied Spring Boot and Microservices architecture to develop a Company Rating Application using Java, Eureka Server, PostgreSQL, and Angular.
- Built modular backend services and RESTful APIs; documented endpoints with Swagger.
- Implemented inter-service communication using RestTemplate and WebClient to enhance system scalability and reliability.
- Integrated frontend components for real-time user ratings and reviews.
- Gained hands-on expertise in microservices architecture, API development, and system scalability.

EDUCATION

Bachelor of Engineering in Computer Engineering, **AISSMS College of Engineering**   **Jul 2019 - Jul 2023**

CERTIFICATIONS

Java Spring Framework 6 with Spring Boot 3, Udemy Dec 2024
Java Full Stack Development Training, CIIT Training Institute, Pune

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PROJECTS

Project Title: Company Rating Application

Tech Stack: Java, Spring Boot, Microservices, Eureka Server, React, PostgreSQL, Swagger, RESTful APIs

Key Skillset: Microservices Architecture, API Development, Service Discovery, Frontend Integration, System Scalability

- Developed a scalable Company Rating Application during the internship at First Quad Tech Solutions.
- Built modular backend services and enabled inter-service communication using WebClient.
- Designed and tested RESTful APIs with Swagger for efficient validation and collaboration.
- Ensured reliability and scalability using microservices architecture with PostgreSQL for data persistence.

Project Title: Online Student Exam Portal

Tech Stack: Java, Spring Boot, SQL, REST API

Key Skills: Backend Development, API Integration, CRUD Operations, Academic Data Management

- Built a web-based examination system to manage students, subjects, and question banks.
- Created REST APIs using Spring Boot for secure CRUD operations and data integrity.
- Enabled efficient administration of exam content and real-time data handling, reducing manual effort.