

Roshith Rao Kuchadi

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Summary

As a Java Developer with over 3.5+ years of professional experience at a leading MNC, I have honed my expertise in building scalable, efficient, and high-performance applications. Proficient in **Java**, **Spring Boot**, and **React** to design robust backend and frontend solutions. Experienced in **RESTful API development**, **database management** with **MySQL** and **JDBC**, **Hibernate** and creating user-centric interfaces using **HTML5**, **CSS3**, and **JavaScript**. Familiar with **microservices architecture**, **cloud technologies (AWS)**, and **DevOps** practices to deploy and manage applications effectively. Passionate about solving complex problems, optimizing code performance, and delivering high-quality software.

Technical Skills

- **Programming Languages:** C, Java (8/17,21,23), JavaScript (ES6+), Problem Solving (DSA)
- **Backend Technologies:** Java, Spring (5.x), Spring Boot (2.x/3.x), Spring Security, Spring Data JPA, Spring Rest, Hibernate (5.x), RESTful APIs, JSON, JUnit (Testing)
- **Frontend Technologies:** HTML5, CSS3, JavaScript (ES6+), React (18.x), Bootstrap (5.x), Redux
- **Database Technologies:** MySQL, PostgreSQL, MongoDB
- **Web Servers and Tools:** Apache Tomcat, Maven, Swagger
- **Cloud & DevOps :** AWS (EC2, S3, Serverless), Git, Docker, Kubernetes, Jenkins
- **Messaging and Event Streaming:** Apache Kafka, SQS, SNS
- **Microservices:** Spring Cloud, API Gateway, OAuth2 Authentication, RESTful Web Services

Work Experience

Accenture Solution Pvt. LTD

Hyderabad, India

Application Development Associate -> Application Development Analyst

October 2021 - Present

- Developed and maintained scalable, high-performance Java-based applications for clients in the **finance** and **shipping** based domains.
- Designed and implemented RESTful APIs for seamless communication between microservices, reducing system latency by **30%**.
- Leveraged **Spring Boot** to build modular, maintainable backend systems.
- Wrote efficient database queries and optimized ORM mappings using **Hibernate**, reducing query execution time by **25%**.
- Ensured code quality and adherence to best practices by conducting **code reviews** and following **Agile methodologies**.
- Collaborated with cross-functional teams to gather requirements and deliver end-to-end solutions
- **Key Achievements:**
 - Migrated a legacy monolithic application to a **microservices architecture**, resulting in **40% improved scalability**.
 - Automated CI/CD pipelines using **Jenkins**, cutting deployment time by **50%**.
 - Spearheaded the implementation of caching mechanisms using **Redis**, enhancing application response times.
 - Received the "**Best Performer ACE Award**" in 2023 for outstanding contributions to project delivery.

Freelance Java Full Stack Trainer (Part-Time)

January 2021 – Present

- Delivered technical training on Java and full-stack development to students and professionals, emphasizing practical implementation and industry-relevant skills.
- **Technologies Covered:** Java, Spring Boot, React, RESTful APIs, and backend development.

- **Key Achievements:**
 - Designed and conducted project-based training sessions for over 1000 participants on a span of 3 years.
 - Collaborated with leading organizations, including **InLustro Learning, Upgrad Campus, Cantilever Labs, Veda IT, Ethnus, and Innomatics Research Labs.**
 - Delivered in-person live coding sessions and mentored participants to build and deploy full-stack applications.
 - Received an average feedback score of **4.7/5** for training effectiveness and technical expertise.

Education

COURSE	INSTITUTION [university/Board]	YEAR OF PASSING	PERCENTAGE/CGPA
B. Tech [Computer Science and Engineering]	Mallareddy Institute of Technology, Hyderabad [JNTUH UNIVERSITY]	2021	7.48 CGPA
INTERMEDIATE [Maths, Physics, Chemistry]	Sri Gayatri Junior College, Hyderabad [Telangana Inter Board]	2017	96.8%
10 th Class [SSC]	Life Line High School Hyderabad [Telangana State Board of Secondary Education]	2015	9.3 CGPA

Projects

Project 1: Real-Time E-Commerce Transaction Processing

Role: Lead Java Developer / Duration: 6 months

- **Technologies:** Java, Spring Boot, React.js, AWS Lambda, Kafka, MySQL
- Developed a high-performance **transaction processing system** for an e-commerce client that handled millions of transactions daily.
- Integrated **Kafka** for real-time messaging and data synchronization across multiple microservices.
- Deployed the solution on **AWS EC2** with an **auto-scaling** setup to ensure high availability during peak traffic.
- **Result:** Reduced system downtime by **30%** and improved transaction processing speed by **50%**.

Project 2: Cloud-Based Inventory Management System

Role: Java Developer / Duration: 4 months

- **Technologies:** Spring Boot, AWS RDS, React.js, Kafka
- Built a cloud-based **inventory management system** for a retail client, enabling real-time stock updates across locations.
- Implemented **RESTful APIs** for seamless integration with inventory hardware and third-party systems.
- Used **AWS RDS** for database management and **Kafka** for event-driven updates between systems.
- **Result:** Streamlined inventory updates, reducing manual errors and improving operational efficiency by **25%**.

Achievements

- Received the **"Best Performer ACE Award"** in 2023 for outstanding contributions to project delivery.
- As a passionate educator, have mentored over 1000+ students across India on full-stack development, transforming beginners into skilled developers.

Extra-Circular Activities & Interests

- Public speaking and Mentorship
- Filmmaking, Dance