Sonu Kumar

Java Application Developer

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SUMMARY

Aspiring to secure a position as a Java Developer in a dynamic organization where I can leverage my 3 years of experience in developing, deploying, and optimizing Java-based applications. Passionate about contributing to innovative projects, collaborating with cross-functional teams, and delivering robust and scalable software solutions. Proficient in frameworks like Spring Boot, RESTful APIs, and microservices architecture, with a strong commitment to continuous learning and growth in advanced software development technologies.

EXPERIENCE

Software Engineer   Mar '22 — Apr '25
Client Project /Capgemini   Bengaluru, India

- Designed and developed efficient REST APIs, services, and schedulers using Core Java, Spring Boot, and clean code principles.
- Enhanced functionality of Life-quotation service as per business requirement, ensuring seamless integration .
- Upgraded APIs from Java 8 to Java 17 and Spring Boot 2.x to 3.x, enhancing system compatibility and performance.
- Implemented an event-driven architecture using Apache Kafka to streamline data processing, resulting in a 20% improvement in system efficiency.
- Optimized application performance by leveraging efficient data structures and implementing scalable low-level system design principles.
- Worked on checksum implementation for document processing batch and File-splitting scheduler.
- Designed multithreaded components using Java concurrency tools to handle parallel file processing and scheduling.
- Used Git and GitHub for version control and collaborated with the team using Agile methodologies and JIRA for issue tracking.

INHOUSE MARKETING PROJECT
- Developed efficient REST APIs using Core Java, Spring Boot, and clean code principles, enhancing application performance by 2X.
- Implemented caching mechanisms in Hibernate to optimize data retrieval from MySQL, significantly improving system speed.
- Designed and developed scalable multi-threaded applications.
- Experience in Core Java, J2EE, Microservices, Spring Boot, Rest API Experience in Oracle SQL, PL/SQL, Oracle Database Solid understanding of Release management and Source control tool
- Designed and developed scalable multi-threaded applications using Java concurrency and Collection Framework to ensure optimized performance.

EDUCATION

B.tech in CSE, ITS Engineering College, Greater Noida, UP (GPA: 76.1)   Jan '17 — Jul '21
                                                                                                                                         Greater Noida, India

- **Cleared a college-level coding test** during 2nd year of college and was **selected as a developer** for a commercial project under the college's industry collaboration program.

PERSONAL PROJECTS

Brownfield Airlines (Hackathon Project) Link

- Participated and Secured 1st place in a Hackathon organized by Capgemini India.
- Developed the backend for a comprehensive airline services website offering features such as ticket booking, flight management, and customer feedback.
- Built using a microservices architecture, ensuring scalability and modularity.
- Collaborated in a team of 5, contributing to system design, API development, and integration.

SKILLS

Programming Languages   Java 8, Java 17, Angular
Core Concepts   Collection Framework, Multithreading, Exception Handling, Stream Programming
Database Technologies   Oracle SQL/My SQL, PostgreSQL
Frameworks   JUNIT, JPA/ Hibernate, Spring Boot 2x/3x., Spring Security, Spring MVC
Architecture   REST, Microservices, LLD
DevOps Tools   Docker, Kubernetes, Splunk, Kafka, Git, GitHub, JIRA
Languages   Hindi, English

VOLUNTEERING

Software Engineer, Capgemini   Bangalore
Led the backend development for the Brownfield Airlines Hackathon project, contributing to a first-place win by creating a robust microservices architecture. Recognized for contributing to multiple critical project deliverables, meeting tight deadlines with exceptional quality.