**LOVE KUMAR GUPTA**

Software Engineer

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**Summary:**

Java Software Developer with 2+ years of experience in building high-quality applications using Java, Spring Boot, and microservices. Skilled in solving complex problems and delivering innovative, efficient solutions.

**Technical Skills:**

* **Programming & Web Development:** Java, C/C++, JavaScript, HTML, CSS, React.js, Perl, PowerShell, Data Structures and Algorithms (DSA)
* **Frameworks & API Development**: Spring Boot, Hibernate, JPA, RESTful APIs, SOAP, Junit, XML
* **Database Management & Tools**: SQL, Oracle, PostgreSQL, JDBC, Git, Maven, Docker
* **Development Methodologies**: Agile (Scrum)

**Work Experience:**

**Software Engineer** Aug. 2022 - Present

[Capgemini Technology Services India Limited](https://www.capgemini.com/in-en/about-us/who-we-are/capgemini-technology-services-india-limited-formerly-known-as-igate-global-solutions-limited/)

* 2+ of IT experience in analysis, design and development, documentation, implementing and testing of software system in JAVA, J2EE and Spring Boot.
* Engineered and customized enterprise-level Java applications, enhancing system performance by optimizing SOA APIs and introducing new features.
* Implemented design pattern and data structure in development extensively.
* Led the development of utilities with Java and Oracle JDBC to efficiently retrieve and process complex database queries, reducing query execution time by 10%.
* Developed and maintained RESTful APIs using Spring Boot, automating 20% of manual support tasks and reducing ticket volume.
* Identified and resolved software defects, improving application stability and reducing bug-related incidents by 25%.
* Collaborated with cross-functional agile teams in daily stand-ups, sprint planning, and Retrospectives, contributing to successful project completions within timelines.
* Prepared detailed designs documents.
* Responsible for the design and development of features.
* Analyzing Business & System Requirements.
* Worked with team members to deliver a high quality product.
* Converting Low-level design (the Integration / Interface modules) into a code.
* Following strict coding guidelines, quality procedures, and adherence to schedules.
* Implemented new features and enhancements based on client requirements, resulting in an increase in customer satisfaction.
* Created comprehensive unit test suites using JUnit, achieving 95% code coverage.
* Used Git for source control, managing code changes and branch merges efficiently.
* Proficiency in Development Languages, Databases, Caching, Servers, and APIs (REST & SOAP)

**Projects:**

**Retail Store Microservices**

*Spring Boot, RESTful APIs, Microservices Architecture*

* Developed a microservices-based architecture for a retail store, managing inventory, orders, and customer data.
* Utilized Spring Boot for rapid development and ease of integration with other services.
* Implemented separate microservices for key functionalities.
* Designed and developed RESTful APIs to facilitate communication between microservices, ensuring smooth data flow and integration.
* Implemented authentication and authorization mechanisms to ensure secure access to the service.
* Utilized Docker for deployment, enhancing scalability and portability.

**Tech Stack:** *Spring Boot, RESTful APIs, Microservices, PostgreSQL, Hibernate, JPA, Feign client, Eureka Service Discovery & Registers, APIs Gateway, spring security*

**To-Do List Server as Microservices**

*Spring Boot, RESTful APIs, Microservices Architecture*

* Developed a RESTful API for managing tasks, including operations for creating, updating, deleting, and retrieving tasks.
* Implemented authentication and authorization mechanisms to safeguard service access.
* Utilized Spring Boot for backend development, ensuring quick setup and integration with other microservices.
* Deployed using Docker, allowing for easy scaling and portability.

**Tech Stack:** *Spring Boot, RESTful APIs, Microservices, PostgreSQL, Hibernate, JPA, Feign client, Eureka Service Discovery & Registers, APIs Gateway, Spring Security*

**Education:**

Bachelor of Technology, Mechanical Engineering, CGPA: 7.73 2018-2022

Minor: Information Technology, CGPA: 7.5

National Institute of Technology Karnataka, Surathkal