

Aastha Gupta

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EXPERIENCE

CLUES NETWORK PVT. LTD.

07/2023 -Present

Software Engineer

1 Power Up Tech (P-Up) – Singapore's first mobile Electric Vehicle charging service

- **Role:** Backend Developer
- **Duration:** Sept 2023 – Present
- **Technologies:** Java, MVC Architecture, SQL, MySQL, Spring Boot
- **Key Contributions:** -
 - **Designed and developed RESTful APIs** using Java and Spring Boot Framework to enable seamless system communication and platform functionality for critical modules such as *user & admin onboarding, vehicle onboarding* and *booking management*.
 - **Led the development of a communication domain**, utilizing Java and Spring Boot to integrate core messaging, notifications, and email services for reliable user engagement.
 - **Optimized database schema and interactions** to handle high traffic and reduce latency, improving performance for large-scale operations. Key steps include adding proper indexes, improving slow queries, batching data operations, etc. reduced response times, improve how quickly data is processed, and use resources like memory and CPU more efficiently.
 - **Implemented robust error handling and logging** to ensure high system availability and improve debugging during failures.
 - **Collaborated with frontend developers** by building REST APIs and integrating with React to provide smooth user interaction and experience.

2 Feature Enhancement in Communication Domain

- **Technologies Used:** JAVA, MySQL, RabbitMQ , Spring Boot
- **Description:** Played a key role in transforming the communication domain by delivering high-impact features that optimized user engagement and operational efficiency.
- **Key Contributions:**
 - **Led the development of dynamic features**, such as automated promotional WhatsApp notifications using Java and Spring, which resulted in a measurable increase in order volume and customer engagement.
 - **Implemented robust message handling solutions** using RabbitMQ with Java, improving the reliability and efficiency of communication workflows within the system.
 - **Collaborated closely with cross-functional teams** to gather and refine feature requirements, ensuring timely and successful implementation using Java and related technologies.
 - **Performed thorough code reviews and testing** using Java tools like JUnit contributing to the overall quality, stability, and performance of the project.

TECHNICAL SKILLS

Languages: JAVA, PHP, SQL , Spring Boot , Spring

Web Development: API Development (RESTful APIs)

Software: MySQL Workbench, Postman, Kibana

Messaging Systems: RabbitMQ

Version Control System: SVN

Project Tracking Tool: JIRA

Core Skills: Data Structures, Algorithms, Object-Oriented Programming (OOP)

IDE: Sublime, VsCode, Eclipse, IntelliJ

Operating System: Linux, Windows

Monitoring and Logging: Kibana

Other skills: Communication skills

EDUCATION

Chitkara University, Rajpura

2019 - 2023

Bachelor of Engineering: Computer Science & Engineering

CGPA: 9.93 / 10.0

PERSONAL DETAILS & INTERESTS

Gender: Female

Interests: Travelling, problem solving, coding

Date of Birth: Aug 30, 2001

Known Languages: English Hindi