

Karan Singh Patel

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Location: Orai, Uttar Pradesh

TECHNICAL SKILLS

- **Core Backend** : Java, spring-boot, microservices, JWT, JPA / Hibernate, SQL.
- **Cloud** : AWS, Git.
- **Side Quest**: React, Tailwind, UI/UX.

PROFESSIONAL EXPRIENCE

Tata Consultancy Services (Jan 2023 - Present)

Project: Retail Customer Support Application (Present)

Role: Developer

Currently, I am developing a Customer Support Application for the retail sector. This project aims to enhance the client's customer support operations by integrating new features, modernizing legacy systems, and proposing automated solutions for manual efforts. As part of this, I am actively involved in solving existing system issues while creating scalable and efficient solutions for future needs.

Key Contributions:

- Added new features to improve customer support efficiency and enhance user experience.
- Addressed legacy system challenges by proposing modern, automated solutions for manual processes.
- Collaborated with cross-functional teams to deliver solutions that optimize customer service operations.

Environment: Java 21, Spring Boot, AWS, Git-Actions, Oracle SQL, Jira.

Project: Manufacturing Development (1 year)

Role: Developer

In my first year at TCS, I worked on the Bill of Materials (BOM) module within the manufacturing data management tool. This project involved standardizing production data across multiple global locations and streamlining the process of regularizing new configuration changes and updates across various manufacturing facilities.

Key Contributions:

- Developed key features for the Bill of Materials (BOM) module to improve data accuracy and process efficiency.
- Ensured smooth integration of new configuration updates and supported system-wide scalability.
- Worked with Java 8 and Spring Boot to maintain backend operations and database management.

Environment: Java 8, Spring Boot, SQL, IBM WebSphere, STS 4.2

CAPGEMINI (Sep 2020 - Jan 2023) : 2 years 4 months

Project: Financial Services Development

Role: Developer

In this project, I worked on developing and enhancing core banking services for a financial institution operating under both banking and cooperative regulations. The system supported services for members and non-members, including retail and wholesale financial operations.

Key Contributions:

- Developed and enhanced core banking modules for online transactions, mobile payments and loan/mortgage management.
- Built and maintained secure backend services using Java 8 and Spring Boot deployed on IBM WebSphere.
- Optimized SQL queries and supported database operations to ensure high performance and data integrity.
- Delivered production fixes and system enhancements to improve reliability and regulatory compliance.

Tech Stack: Java 8, Spring Boot, SQL (SQL Developer), IBM WebSphere, STS 4.2

EDUCATION

- Bachelor of Technology in Computer Science from Babu Banarasi Das National Institute of Technology and Management, Lucknow 2020
- Higher Secondary Certificate, Maharishi Vidya Mandir, Orai 2015
- Senior Secondary Certificate, Maharishi Vidya Mandir, Orai 2013

****I hereby declare that all the information stated above is correct to the best of my knowledge and belief.***

Karan Singh Patel