Shivam Saini

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SUMMARY

Highly motivated software engineer with a strong background in Java full stack development and **3 years of industry experience**. Skilled in designing and optimizing system architectures, implementing RESTful APIs, and ensuring high performance and reliability. Available to discuss relevant opportunities on given contact.

SKILLS

Core Java (11) | J2EE | Spring Framework | Spring Boot | Spring Cloud | Gradle | Maven | Hibernate (ORM)
JPA | SQL | NoSQL | MySQL | MongoDB | RESTful Web Services | Microservices | JavaScript | HTML | CSS
Git | GitHub | Azure | CI-CD | Object Oriented Programming | Unit Testing | Algorithms | Data Structures

EXPERIENCE

Tata Consultancy Services   **Hyderabad, TG**

System Engineer   *Aug, 2023 – Present*

- Led design and development of employee payroll system, automating weekly payments every Monday.
- Utilized Java **Spring Boot Microservices** to build UC4 jobs, automating Kronos interfaces and facilitating the generation of payfiles followed by MFT encryption and Google drive upload.
- Improved payroll efficiency by **20%**, ensuring timely and accurate employee payments.

Associate System Engineer   *Aug, 2022 – Aug, 2023*

- Led design and development of data processing flow, automating data import from database to Kronos.
- Utilized Java **Spring Boot Microservices** to build UC4 jobs, automating Kronos interfaces to pick up data from respective staging tables as per datetime and record status condition followed by notification email.
- Improved data processing and import by **35%** ensuring precise forecasting and scheduling of items/sales.

Associate System Engineer - Trainee   *Aug, 2021 – Aug, 2022*

- Set up Like Store data for every new store opened using the historical POS data from staging tables.
- Compared the POS data in database on daily basis with that of received from GCP to spot the discrepancy.
- Resolved the discrepancies with the help of cross-functional teams like Informatica and assisted QA.

PROJECTS

Full Stack - Videocall App| *Spring Boot, ZegoCloud, JavaScript, HTML, CSS, AWS*   Demo | Code
- Developed a video call application using Spring Boot and ZegoCloud API.
- Implemented functionality to register a new user and login the existing user using unique credentials.
- Added the functionality of creating a new meeting and joining the live meeting using ZegoCloud API.

Backend - Group Expense Calculator | *Spring Boot Microservices, MongoDB, REST API, Swagger*   Demo | Code
- Developed a group expense calculator with Spring Boot Microservices, MongoDB, and REST APIs.
- Created APIs for adding new transactions, calculating user debts, and amounts owed by other members.
- Implemented settlement API for resolving pending transactions between users after payment.

Frontend - Omnifood - Eat Healthy | *HTML, CSS, JavaScript*   Demo | Code
- Developed a modern, responsive, real world food delivery website landing page.
- Used Flexbox and CSS Grid to arrange the different sections of the page in a structured order and align the items on the webpage to give it an aesthetic feel.

EDUCATION

Bachelor of Technology - *Bajaj Institute of Technology*   *Wardha, MH | Aug, 2017 – Jul, 2021*
Mechanical Engineering | *CGPA – 9.0 / 10*