Bhargavi Singh

Role: Software Engineer

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EXPERIENCE

Associate Software Engineer | SWE Intern — Jan. 2023 - Present

Robomq.io(Top Rated Employee Lifecycle and Identity Governance Platform — *Jaipur, India*

- **Implemented API Integration:** Enhanced HR applications like SAP Successfactors with API-based data integration, supporting various authentication methods for seamless connection. Replaced file extract method, reducing dependency on CSV inputs and decreasing response time by 60% for streamlined user data processing.
- **REST Connector for SCIM:** Worked on REST Connector for SCIM Provisioning, allowing API calls to third-party apps within selected lifecycles, enhancing market reach. Facilitates seamless integration with any REST API-supported app, enhancing scalability by 50%.
- **Onboarded SCIM connectors:** Implemented the onboarding of SCIM connectors like Atlassian, Zendesk, handling authentication and implementing user provisioning for SCIM applications.
- **Loopback Feature:** Implemented writeback feature for HR systems' data integration API, ensuring attributes that are auto-generated in HR system portal are synchronized back to the identity management system, maintaining data consistency.
- **Product Development:** Contributed to the development of a SaaS-based product 'Hire2Retire' integrating HR systems with Identity Management.

Web Development Intern — Sept 2021 - Nov 2021

The Sparks Foundation

- Developed a website to collect funds for a cause integrating Payment Gateway using a third party, Razorpay.
- Received a Silver Badge for outstanding performance and problem solving skills.

SKILLS

Technical Skills: Low Level Design, High Level Design, Nodejs, Angular, Javascript, SQL, Kubernetes, Jenkins, DBMS, DSA (JAVA), Git, Docker, OOPS
Languages: Fluent in English, Proficient in French

PROJECTS

Discord Clone | *Nextjs, React, Socket.io, MySQL, Prisma, Tailwind*

- Built a real-time messaging app with Socket.io for instant communication and UploadThing for file sharing. Implemented with Prisma ORM for data management, and Clerk for authentication.

Library Management System | *Java, Netbeans IDE, MySQL, Xampp server*

- Built a management system using core JAVA and MySQL that automates all library activities for the admin managing records of books, students in an organized manner.

TO-DO Application | *Angular, Nodejs, MySQL, Git*

- Developed a task management application utilizing Angular, Nodejs, and MySQL, featuring CRUD operations for effective task management. Implemented authentication and authorization for enhanced security.

ACHIEVEMENTS

- Represented college at Codefest-IIT-BHU Hackathon 2021, advancing to the final round
- Coordinated and Managed the college sports fest Cavorts'22 as a senior coordinator.

EDUCATION

Birla Institute Of Technology Mesra — CGPA : 8.27/10 — Jharkhand, India

Bachelor Of Technology, Electronics and Communication Engineering — *2019 - 2023*

CERTIFICATIONS

Advanced Java NIELIT — Issued July, 2022

MySQL Database Development Mastery — Issued May, 2022
udemy.com/course/mysql-database-development-mastery