Saransh Kumar

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EDUCATION

Amity University, Noida   **2019 - 2023**
Bachelor of Technology in Computer Science and Engineering, CGPA: 8.36/10
Bal Bhavan Public Sr. Sec School   **2017 - 2019**
Intermediate

SKILLS

Programming Languages	Java, JavaScript
Tools and Web Technologies	Spring, Spring Boot, Hibernate, Vue, HTML, CSS, Bootstrap, Git, Apache Maven, Docker
Database Management System	MySQL, MongoDB
Familiar	Python, Typescript, NodeJS, Express.js, Redis, AWS, Linux, Shell scripting

WORK EXPERIENCE

LoadShare Networks
Software Engineering Intern   June 2022 - Sep 2022
- Developed COD microservice which enables the current system to accept COD orders (30% more orders).
- Created API for managing zone configs from the ERP which increased the system efficiency and no. of orders per day by 10%.
- Reduced the manual effort of Ops team in managing zones with the Geo-Spatial queries and resolved all the dependency conflicts with the help of parent POM.
- Upgraded the **Spring boot** version from 1 to 2 which improved the system efficiency and moved the WAR based deployment to JAR based deployment.

Checkstyle
Contributor (Java)   Mar 2021 - May 2021
- Updated existing unit tests to use separate input file for each test method, Javadocs and added code examples.
- Learned about **CI/CD**, **Apache Maven**, **Unit testing** and merged over 35+ pull requests.

PERSONAL PROJECTS

VidFlow
An open source video sharing platform   Oct 2021 - Present
- Implemented features like infinite scroll, material design, pagination, **Jwt** authentcation and role based endpoint security.
- Design the hybrid **REST** and **GraphQL** API to increase the overall performance of the system.
- Manages user's watch, like video history and gives notification to the user if subscribed channel uploads a video.
- Working on this to add more functionality like Recommendation system, spam comments filtering, video trans-coding etc.

Tech stack: JavaScript, Vue, Nuxt, Vuetify, Java, Spring Boot, Spring security, MongoDB, Redis, Microsoft Azure, GraphQL

Fellowship (SIH 2022 Grand Finale Project)
A Scholarship portal and aggregator   July 2022 - Aug 2022
- Provides functionality to search scholarships based on various filters.
- Recommend scholarships based on user details (country, degree, field of study, branch, title, family income etc.).
- Scraps scholarships from various sources and auto remove all the expired scholarships using CRON jobs.
- Admin dashboard - admin can update scholarships, user's data and can add scholarships using the JSON file or using JSON string.

Tech stack: Java, Spring Boot, Spring Data Mongo, Spring Security, Spring Scheduler, Java Mail API, Nuxt, Vuetify, AWS SQS

ACHIEVEMENTS

- Got selected from 15,00,000+ participants and participated in the Grand Finals of **Smart India Hackathon 2022**.
- Solved 200+ coding problems on Geeksforgeeks, CodeChef, LeetCode, CodeForces.

CERTIFICATIONS

Java Programming Masterclass	May 2022
Linux For Developers	Apr 2021
The Complete 2020 Web Development Bootcamp	Dec 2021
Java Programming: Solving Problems with Software (with Honors)	May 2020