

Saransh Kumar

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EDUCATION

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

TECHNICAL SKILLS

Programming Languages : Proficient in Java, Familiar with JavaScript
Tools and Web Technologies : Spring, Spring Boot, Hibernate, Vue, HTML, CSS, Bootstrap, Git, Apache Maven, Docker
Database Management System : MySQL, MongoDB

WORK EXPERIENCE

LoadShare Networks <i>Software Development Engineer Intern (Java, Spring Boot)</i>	Link June 2022 — Sep 2022
<ul style="list-style-type: none">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 increases the system efficiency and increases the no of orders.Reduced the manual effort of Ops team in managing zones with the Geo-Spatial queries.Upgrading the Spring boot version from 1 to 2, Jdk to improve the startup time and performance. Resolved all the dependency conflicts by centralized Apache Maven dependencies.	
Checkstyle <i>Contributor (Java)</i>	GitHub Mar 2021 — May 2021
<ul style="list-style-type: none">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 <u>35+ pull requests</u>.	

PERSONAL PROJECTS

VidFlow <i>An open source video sharing platform.</i>	Frontend, Backend, Preview video, Live Oct 2021 — Present
<ul style="list-style-type: none">Implemented features like infinite scroll, material design using Vuetify, pagination and Jwt authentication.User can watch, upload, like/dislike a video and can subscribe to a channel.Application also manages the watch history of the user and gives notification to the user if subscribed channel uploads a video. <p><i>Tech stack: JavaScript, Vue, Nuxt, Vuetify, Java, Spring Boot, Spring security, MongoDB, Redis, Microsoft Azure</i></p>	
Fellowship (SIH 2022 Grand Finale Project) <i>A Scholarship portal and aggregator</i>	Frontend, Backend, Live July 2022 — Aug 2022
<ul style="list-style-type: none">Provides functionality to search scholarships based on country, degree, field of study, branch, title, family income and category.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. <p><i>Tech stack: Java, Spring Boot, Spring Data Mongo, Spring Security, Spring Scheduler, Java Mail API, Nuxt, Vuetify, AWS SQS</i></p>	
Spring Recipe App <i>A Spring web application for managing Recipes.</i>	GitHub, Live June 2021
<ul style="list-style-type: none">A MVC application which can handle all the CRUD operations on Recipe, ingredients and its category.User can also upload an image for a recipe and store that in the database as BLOB (Binary Large Object).Used JSR 380 to validate the incoming request model and Thymeleaf server side rendering.Wrote Unit and Integration tests using JUnit5, Mockito and used CircleCI for continuous integration. <p><i>Tech stack: Java, Spring Boot, Spring WebMvc, Spring Data JPA, H2-DB, Thymeleaf</i></p>	

ACHIEVEMENTS

- Participated in the Grand Finals of **Smart India Hackathon 2022**.
- Solved 200+ coding problems on **Geeksforgeeks**, **CodeChef**, **LeetCode**.
- 3 star on **CodeChef**.