

Saransh Kumar

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Medium : <https://cryptosingh1337.medium.com/>

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**

EXPERIENCE

LoadShare Networks

Software Development Engineer Intern (Java, Spring Boot)

Link

June 2022 — Sep 2022

- Created the Cash On Delivery microservice which will result in 30% more hyperlocal orders.
- Reduced the manual effort of Ops team in managing zones with the Geo-Spatial queries.
- Created API for managing zone configs through ERP.
- 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

Contributor (Java)

GitHub

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

Fellowship (SIH 2022 Grand Finale Project)

A Scholarship Aggregator which get update in real time.

Frontend, Backend, Live

July 2022 — Aug 2022

- User can 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.
- 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

VidFlow

An open source video sharing platform (similar to YouTube).

Frontend, Backend, Preview, Live

Oct 2021 — Present

- 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 and also manages the watch and liked video history.
- Using **Microsoft Blob storage** for video storage and **Heroku** for deployment of back-end on cloud.

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

ACHIEVEMENTS

- Selected for finals of **Smart India Hackathon 2022**.
- Solved 200+ coding problems on **Geeksforgeeks, CodeChef, LeetCode**.
- 3 star on **CodeChef**.