Saransh Kumar

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

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

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 — **Link**
SDE Intern — June 2022 — Sep 2022

- Working under the Hyperlocal logistics operations pod which internally uses **Spring framework** for Backend.
- Created the Cash On Delivery service from scratch which will result in **30%** more orders.
- Created unit tests using **JUnit** and **Mockito**.
- Learned about **Logging**, **API design**, **Jenkins**, **Aws SQS** and **ECS**.

Checkstyle — **GitHub**
Contributor — Mar 2021 — May 2021

- Updated existing unit tests to use separate input file for each test method.
- Updated existing Javadocs and added code examples.
- Learned about **CI/CD**, **Apache Maven**, **Unit testing**.
- Merged over **35+ pull requests**.

PERSONAL PROJECTS

VidFlow — **Frontend**, **Backend**, **Preview**, **Live**
An open source content sharing platform (similar to YouTube). — Oct 2021 — Present

- Created material design UI using **Vuetify**.
- Used **nuxt-auth** to authenticate and authorize user using **Jwt** tokens.
- 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.
- Using **Microsoft Blob storage** for video storage and **Heroku** for deployment of backend on cloud.
- Using **RabbitMQ** for asynchronous events such as notifications.

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

Bloged — **GitHub**, **API docs**, **Live**
A fullstack blog posting web application — June 2021 — Aug 2021

- Created REST API using **Spring Boot** which can handle all the CRUD operations related to Post, Comment, Category.
- Used pagination to reduce the time taken while fetching the data.
- Used **Spring Data Jpa** for the persistance layer and followed repository pattern and **JSR 380** (Java API for bean validation) to validate the incoming request model.
- Used **mapstruct** for converting the incoming request and response model to the respective domain entity.
- Created Unit tests along with API docs using **Spring Rest Docs**, **JUnit 5** and **Mockito**.

Tech stack: Java, Spring Boot, Spring WebMvc, Spring Data JPA, Spring Rest Docs, H2-DB, React, Redux, Router

ACHIEVEMENTS

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