

# Saransh Kumar

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**GitHub** : <https://github.com/CryptoSingh1337>

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**Portfolio** : <https://saranshkumar.me/>

**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 (Back-End Java, Spring Boot)

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 **maven** dependencies.

### Checkstyle

**GitHub**

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

**Frontend, Backend, Preview, Live**

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

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

### 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 in all the endpoints and followed repository, DTO design pattern.
- Used **Spring Data Jpa** for the persistence layer and **JSR 380** (Java API for bean validation) to validate the incoming request model.
- 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 for finals of **Smart India Hackathon 2022**.
- Solved 200+ coding problems on **Geeksforgeeks**, **CodeChef**, **LeetCode**.
- 3 star on **CodeChef**.