

# Saransh Kumar

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## EDUCATION

<b>Amity University, Noida</b> Bachelor of Technology in Computer Science and Engineering, CGPA: 8.29/10	2019 — 2023
<b>Bal Bhavan Public Sr. Sec School</b> Intermediate	2017 — 2019

## TECHNICAL SKILLS

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

## EXPERIENCE

<b>Checkstyle</b> Contributor	Mar 2021 — May 2021
<ul style="list-style-type: none"><li>Updated existing unit tests to use separate input file for each test method.</li><li>Updated existing Javadocs and added code examples.</li><li>Merged over 35+ <u>pull requests</u>.</li></ul>	

## PROJECTS

<b>VidFlow</b> Client <a href="#">GitHub</a> , Server <a href="#">GitHub</a> , <a href="#">Live</a>	October 2021 — Present
<ul style="list-style-type: none"><li>Created material design UI using <b>Vuetify</b>.</li><li>User can watch, upload, like/dislike a video and can subscribe to a channel.</li><li>Application also manages the watch history of the user and gives notification to the user if subscribed channel uploads a video.</li><li>Using <b>Microsoft Azure Storage service</b> for video storage and using <b>Microsoft Azure Spring Cloud</b> for deployment on cloud.</li><li>Using <b>RabbitMQ</b> for asynchronous events such as notifications.</li><li>Creating Unit tests along with API docs using <b>Spring Rest Docs</b>, <b>JUnit 5</b> and <b>Mockito</b>.</li><li>Following micro-services architecture and Test Driven Development in backend.</li></ul> <p><i>Tech stack: JavaScript, Vue, Nuxt, Vuex, Vue Router, Vuetify, Java, Spring Boot, Spring Cloud, MySQL, MongoDB, Microsoft Azure</i></p>	
<b>Bloged</b> <a href="#">GitHub</a> , <a href="#">Live</a>	June 2021 — Aug 2021
<ul style="list-style-type: none"><li>Created REST API using <b>Spring Boot</b> which can handle all the CRUD operations related to Post, Comment, Category.</li><li>Used pagination to reduce the time taken while fetching the data.</li><li>Used <b>Spring Data Jpa</b> for the persistence layer and followed repository pattern.</li><li>Used <b>JSR 380</b> (Java API for bean validation) to validate the incoming request model.</li><li>Used <b>mapstruct</b> for converting the incoming request and response model to the respective domain entity.</li><li>Created Unit tests along with API docs using <b>Spring Rest Docs</b>, <b>JUnit 5</b> and <b>Mockito</b>.</li></ul> <p><i>Tech stack: Java, Spring Boot, Spring WebMvc, Spring Data JPA, Spring Rest Docs, H2-DB, React, Redux, Router</i></p>	
<b>Spring Recipe App</b> <a href="#">GitHub</a> , <a href="#">Live</a>	June 2021
<ul style="list-style-type: none"><li>Created Mvc application which can handle all the CRUD operations on Recipe, ingredients and its category.</li><li>User can also upload an image for a recipe and store that in the database as BLOB (Binary Large Object).</li><li>Used <b>JSR 380</b> to validate the incoming request model.</li><li>Used <b>Thymeleaf</b> as a server side template engine for rendering the view layer.</li><li>Created Unit and integration tests using <b>JUnit5</b> and <b>Mockito</b>.</li><li>Followed Behaviour Driven Development and used <b>CircleCI</b> for continuous integration.</li></ul> <p><i>Tech stack: Java, Spring Boot, Spring WebMvc, Spring Data JPA, H2-DB, Thymeleaf</i></p>	

## ACHIEVEMENTS

- Solved 150+ coding problems on Geeksforgeeks, Leetcode, InterviewBit.
- 4 star Problem Solver on HackerRank.
- 5 star Java programmer on HackerRank.