

Saransh Kumar

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GitHub:// [CryptoSingh1337](#)
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EDUCATION

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

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

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

PROJECTS

VidFlow	Frontend, Backend, Live	October 2021 — Present
<ul style="list-style-type: none">Created material design UI using Vuetify.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 Azure Storage service for video storage and using Microsoft Azure Spring Cloud for deployment on cloud.Using RabbitMQ for asynchronous events such as notifications.Creating Unit tests along with API docs using Spring Rest Docs, JUnit 5 and Mockito.Following micro-services architecture and Test Driven Development in backend. <p><i>Tech stack: JavaScript, Vue, Nuxt, Vuex, Vue Router, Vuetify, Java, Spring Boot, Spring Cloud, MySQL, MongoDB, Microsoft Azure</i></p>		
Bloged	GitHub, Live	June 2021 — Aug 2021
<ul style="list-style-type: none">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 persistence layer and followed repository pattern.Used 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. <p><i>Tech stack: Java, Spring Boot, Spring WebMvc, Spring Data JPA, Spring Rest Docs, H2-DB, React, Redux, Router</i></p>		
Spring Recipe App	GitHub, Live	June 2021
<ul style="list-style-type: none">Created 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.Used Thymeleaf as a server side template engine for rendering the view layer.Created Unit and integration tests using JUnit5 and Mockito.Followed Behaviour Driven Development and used CircleCI for continuous integration. <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.