

Saransh Kumar

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EDUCATION

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

TECHNICAL SKILLS

Programming Languages : Proficient in Java, Familiar with C, C++, JavaScript
Tools and Web Technologies : Spring, Spring Boot, Hibernate, Vue 3, HTML, CSS, Bootstrap, Git, Apache Maven
Database Management System : MySQL, MongoDB

EXPERIENCE

Checkstyle Contributor	Mar 2012 — May 2021
<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+ pull requests.	

PROJECTS

Bloged 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 . Followed DTO design pattern and Test Driven Development. <i>Tech stack: Java, Spring Boot, Spring WebMvc, Spring Data JPA, Spring Rest Docs, H2-DB, React, Redux, Router</i>	GitHub, Live	June 2021 — Aug 2021
Vue Quiz App Used Vuex for managing the state of current selected question. Used WaveUI library for Vue components and design. User can navigate to the previous question without losing the previous state of the question's answer. Created a progress component which shows the current progress of the User. <i>Tech stack: JavaScript, Vue 3, Vuex, WaveUI</i>	GitHub, Live	June 2021
Spring Recipe App 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. <i>Tech stack: Java, Spring Boot, Spring WebMvc, Spring Data JPA, H2-DB, Thymeleaf</i>	GitHub, Live	June 2021
Minify URL Created front-end and back-end API along with Google Chrome extension. Used md5 hashing algorithm to shorten the URL. Handle redirection to original URL. <i>Tech stack: Java, Spring Boot, Spring WebMvc, MongoDB, Spring Data Mongo, HTML, CSS, Bootstrap</i>	GitHub, Live	May 2021

ACHIEVEMENTS

- Solved 200+ coding problems on Geeksforgeeks, Leetcode, InterviewBit.
- 4 star Problem Solver on HackerRank.
- 5 star Java programmer on HackerRank.