Saransh Kumar

Pre-Final Year (B.Tech)
Computer Science & Engineering
at Amity University, Noida

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Education

2019-2023
B.TECH. IN CSE
Amity University, Noida

2017-2019
INTERMEDIATE
Bal Bhavan Public Sr. Sec. School

Skills

LANGUAGES
Java, JavaScript

FRAMEWORKS
Spring, Spring Boot, Hibernate,
Vue 3, Vuex

DATABASES
MySQL, MongoDB

OS
Windows, Linux

OTHERS
Html5, CSS3, Bootstrap, Git,
Apache Maven, Unit testing,
Intellij IDEA, VSCode

Coursework

Data Structures
Analysis and Design of
Algorithms
Operating Systems
Networking
Java Programming

Links

Portfolio:// **Saransh Kumar**
Github:// **CryptoSingh1337**
LinkedIn:// **saransh-kumar-2k19**
Medium:// **CryptoSingh1337**

Work Experience

MAR 2021 - MAY 2021   **Checkstyle**   **Contributor**

- 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

JUNE 2021 - AUG 2021   **Bloged**   **API Docs, Front-end, Back-end, Preview**

Bloged is a full stack web application created in collaboration with a friend.

- Created RESTful API using Spring Boot.
- User can create a blog and can search a blog based on title.
- Explore blogs based on categories or which are in trending section.
- Can create, update, delete a comment on a blog.
- To improve the performance of the API, we have used pagination.

Spring Boot, Spring Data JPA, Spring Rest Docs, H2-DB, React, Redux, Router

JUNE 2021   **Quiz App**   **GitHub, Preview**

A customizable multiple choice quiz app.

- User can choose the correct option and get points based on the correct answer.
- Navigate to the previous question and can change the answer.
- Shows current progress in percentage.

Vue 3, Vuex, WaveUI

JUNE 2021   **Spring Recipe App**   **GitHub, Preview**

A Spring web application for managing Recipe and its associated entities.

- CRUD operations for Recipe and Ingredients.
- User can upload an image for a Recipe.
- Created global Exception handler for 404 and 400 HTTP requests.
- Followed Test Driven Development and Continuous Integration.

Spring Boot, Spring WebMvc, Spring Data JPA, H2-DB, Thymeleaf

JUNE 2021   **CRM System**   **GitHub**

A simple Spring application for Customer Relationship Management.

- CRUD operations for Customer Management.
- Search and sort the data based on first name, last name and email.
- Added Spring AOP for logging (@Before and @AfterReturning advice).

Spring, Spring WebMvc, Hibernate, MySQL, JSP

MAY 2021   **Minify URL**   **GitHub, Preview**

A full stack web application which makes long URLs, shorter.

- Created front-end and back-end API along with Google Chrome extension.
- Used md5 hashing algorithm to shorter the URL.
- Handle redirection to original URL.

Spring Boot, Spring WebMvc, MongoDB, HTML, CSS, Bootstrap