

# 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  
CGPA: 8.29

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, GitHub, Live**

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 WebMvc, Spring Data JPA, Spring Rest Docs, H2-DB*

JUNE 2021 **Quiz App** **GitHub, Live**

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, Live**

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, Live**

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*