**GAURAV KUMAR**

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[](http://gauravrmsc.ddns.net/) [](https://www.linkedin.com/in/gaurav-kumar-139910187/) [C:\Users\gaura\Downloads\icons8-github-60.png](https://github.com/gauravrmsc)

**Education**

**2017 - 2021**

**B. Tech in Computer Science**

Atal Bihari Vajpayee Government Institute of Engineering and Technology

8.23 CGPA

**2015 – 2017**

XII (Senior Secondary), Science

Rashtriya Military School, Chail

84.8 %

**Technical Skills**

**Programming Languages**

Java, C++, C, Python, HTML, CSS, JavaScript

**DBMS**

MySQL

**Frameworks and Tools**

Spring Boot, Git, Jenkins

**Cloud Platforms**

Google Cloud

**Certifications**

Java Web Developer Nanodegree from Udacity

**Interests**

Problem Solving using Data Structure and Algorithms

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| **PROJECTS** |
| **Find My Restaurant**   * Implemented the **Near-By Restaurants search** feature for a food delivery application using the Geo-Hashing technique. * Used Redis Cache as In-Memory Cache to cache the search results. * Search time got reduced to 20% of the normal response time for the cached results.   **Skills/Tech Stack** **–** Java, Spring Boot, Caching, Geo-Hashing, Serialization and Deserialization of Java Objects. |
| **Stock Portfolio Manager**   * Developed a visual stock portfolio analyser web application. * The application communicates with third-party APIs to collect Stock Quotes and presents user, the annualized and total returns on his purchased stocks.   **Skills/Tech Stack** **-** Handling third party Rest APIs, Serialization and Deserialization of Java Objects, Spring Boot, Threads, Interfaces Spring Boot. |
| **Ecommerce API**   * Developed Web Back-End for an E-Commerce Application. * Used JWT based authentication, BCrypt password encoder and Spring Security to secure the app against attacks like CORS attacks and CSRF attacks. * Built the CI/CD Pipeline to deploy the project on Google Cloud.   **Skills/Tech Stack** - Spring security, Spring Boot, Google Cloud, Jenkins, Authentication Using JWT. |
| **O2stay selfie challenge**   * O2stay is a hospitality firm involved in providing lodging facilities. My application helps the company to host promotional events on its Facebook page.   **Skills/Tech Stack** **–** GraphQL, Facebook API Handling, JSP, Servlets. |
| **GCode**   * GCode is a web-based text editor. In this project, I have implemented editor features like opening a file, navigation, search/replace, cut/copy/paste, undo/redo. While developing this project, I implemented the same functionality with multiple data structures to understand the effect of design choices on performance   **Skills/Tech Stack** **-** Applied DS, Array-List, Naive Search, String manipulation, KMP search, Linked List, Time Complexity |
| **GQuiz**   * Developed a Spring Boot based Q&A application. The application can be used to take online tests and quizzes.   **Skills/Tech Stack** **-** Object Relational Mapping, RESTful web services, JUnit, MySQL, Spring-Boot. |
| **EXPERIENCE & POSITION OF RESPONSIBILITY** |
| * Student Developer Crio.Do (March 2020 - Present) * Campus Ambassador EDC IIT Delhi (Aug 2018 – March 2019) * Intern at Reliance JIO (June 2018 – July 2018) |
| **ACHIEVEMENTS** |
| * 1st Position in Tech. Fest Project Exhibition. * 4th Position in Hackathon at RGGEC Nagrota. * 2nd Position in Tech. Fest. Debate Competition. * Letter of Appreciation from Reliance JIO for exemplary performance in internship. |