



GAURAV KUMAR

gauravrmc@gmail.com



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

PROJECTS

Search Feature for Food Delivery Application (<https://github.com/gauravrmc/Food-Delivery-Application>)

- Implemented the **Near-By Restaurants** search feature for a food delivery application using the Geo-Hashing technique.
- Optimized the search performance by caching the search results using Redis Cache.
- Searching time got reduced to 20% for the cached results.

Skills/Tech Stack – Java, Spring Boot, Caching, Geo-Hashing, Serialization and Deserialization of Java Objects.

Stock Portfolio Manager (<https://github.com/gauravrmc/Stock-Portfolio-Manager>)

- Developed A Stock Portfolio Management Web Application using Spring Boot framework.
- The application communicates with third-party APIs to collect Stock Quotes and presents users with the annualized and total returns on the given stock symbol.

Skills/Tech Stack - Handling third party Rest APIs, Serialization and Deserialization of Java Objects, Spring Boot, Threads, Interfaces.

Ecommerce API (<https://github.com/gauravrmc/EcommerceAPI>)

- Developed a Rest API for an Ecommerce website using Spring Boot framework
- Used JWT based authentication and Spring Security to allow secure access.
- Also built the CI/CD Pipeline to deploy the project on Google Cloud.

Skills/Tech Stack - Spring Boot, Google Cloud, Jenkins, Authentication Using JWT.

O2stay selfie challenge (event.o2stay.com)

- O2stay is a perfect website to look for lodging. My app helps them to conduct promotional event on their Facebook page

Skills/Tech Stack – GraphQL, Handling third party Rest APIs, JSP, Servlets.

Online Text Editor (<https://github.com/gauravrmc/Online-Text-Editor>)

- Efficiently implemented various data structures and algorithms to develop an online text editor.

Skills/Tech Stack - Java Collections, KMP text search algorithm, Spring Boot.

Quiz API (<https://github.com/gauravrmc/Quiz-API>)

- Developed a Rest Web Service for quiz applications. This application works like Google Forms but is specifically designed 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
- Intern in Reliance JIO Digital Champions Program
- Campus Ambassador EDC IIT Delhi

ACHIEVEMENTS

- 1st Position in Tech. Fest Project Exhibition.
- 4th Position in Hackathon at RGEC Nagrota.
- 2nd Position in Tech. Fest. Debate Competition.
- Letter of Appreciation from Reliance JIO for performing well during internship.