

RACHIT GUPTA

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Skills

Programming Languages : Java , JavaScript , C++ , Python

Backend : Nodejs , Express.js , Rest APIs , JWT Authentication

Frontend : NextJs ,ReactJs Redux , Tailwind CSS , App Development (Java , XML) , React-Native

Database : Relational Database (MySQL) , Non-Relational Database (MongoDB), Firebase

Tools & Platforms : Android Studio , Visual Studio Code , IntelliJ IDEA , PyCharm , Postman , Git , Github

Core Technical Skills: Data Structures & Algorithms(DSA) ,API Development & Optimization ,Object-Oriented Programming

Soft Skills : Problem-Solving & Analytical Thinking, Effective Communication, Adaptability & Quick Learning

Objective

I am a highly passionate **Software Developer** seeking an **internship opportunity** to apply my technical expertise to real-world projects. I am skilled in **Mobile Development, Web Development, and Data Structures & Algorithms (DSA)**, with a strong foundation in **Firebase, MySQL, and MongoDB**. I am proficient in **Java, Python, C++, and JavaScript**, with hands-on experience in developing scalable applications. Currently enhancing my backend development skills with **Node.js** to optimize system performance and efficiency. I am passionate about problem-solving, optimizing code, and delivering innovative tech solutions.

Education

Gyan Ganga College of Technology

Jabalpur , Madhya Pradesh, India

B Tech Computer Science Engineering

2022 - 2026

CGPA

7.09/10

12th

80% , 2021

10th

82% , 2019

Project

1)E-Commerce Android App

- Developed a **fully functional e-commerce app** using **Java, Android Studio, and Firebase**.
- Implemented **Firebase Authentication** for secure user authentication and forgot password management
- Implemented **product search & display** using **Retrofit API** and **Glide for images**.
- Enabled **order management** including "Cash on Delivery," order tracking, and cancellation.

Technologies Used: Java, Android Studio, Firebase (Auth, Realtime DB, Cloud Storage), Retrofit, Glide, XML

2) Dynamic CRUD API with Node.js & MongoDB

- Designed and developed **RESTful API** using **Node.js, Express.js, and MongoDB** to perform **CRUD** operations with parameter-based routing.
- Implemented **MongoDB** as the database to efficiently store and manage data.
- Optimized **API queries** for faster data retrieval and better performance.
- Ensured **data validation, error handling, and security measures** to prevent unauthorized access.

Tech Stack : Nodejs , Express.js , MongoDB, Mongoose , bcrypt

3) SecureAuth: OTP & JWT Authentication System

- Developed a secure authentication system with email-based **OTP verification** and **JWT authentication**
- Integrated **Nodemailer** for email-based verification & password recovery
- Implemented **bcrypt** hashing for secure password storage
- Created a **React-based UI** with protected routes & session handling
- Optimized **MySQL queries** to enhance database performance through efficient indexing

Technologies Used: Node.js, Express.js, MySQL, React, JWT, Bcrypt, Nodemailer