

Ritesh Ranjan

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EDUCATION

Indian Institute of Information Technology, Kalyani

2020-2024

Bachelor of Technology, Computer Science and Engineering

CGPA - 8.01

EXPERIENCE

SDE(Flutter) Intern

March 2024 - Present

Qocial PVT. LTD.

- Developed an SMTP app from scratch, enabling users to manage and send emails to large lists, such as entire college departments, with scheduling capabilities for automated dispatch.
- Utilized Flutter, Dart, GetX, Shared Preferences, and SQFlite, resulting in a 30% increase in user engagement and reducing manual email dispatch by 50%.

PROJECTS

LinkShrinker

[Link](#)

- * Created a URL shortening service, reducing URLs to 46 characters.
- * Achieved 20+ active users, with a backend built using **JavaScript, Node.js, MongoDB, Express, and Mongoose**.
- * Enhanced user experience with a frontend developed in EJS.
- * [Github repository link](#)

Amazon Clone

[APK](#)

- * Developed a full-featured e-commerce application with user authentication, product listings, a dynamic shopping cart, and order management.
- * Implemented secure user login using JWT and created detailed product views, search functionality, and a mock payment gateway.
- * Gained 10+ active users, leveraging **JavaScript, Node.js, MongoDB, Express, Mongoose, and RESTful APIs** for backend; and **Flutter** for frontend.
- * [Github repository link](#)

Notes App

[APK](#)

- * Developed a note-taking application for creating, updating, and deleting notes, functioning as a personal diary and to-do list.
- * Integrated CRUD operations and **Sqflite** for efficient data management, achieving 15% faster data retrieval.
- * Built a secure backend using **Node.js and RESTful APIs**, ensuring data protection and reliability.
- * [Github repository link](#)

TECHNICAL SKILLS

Languages: JavaScript, C, C++, Dart,

Frameworks: NodeJs, ExpressJs, Flutter

Database: MongoDB, SQL, Firebase

Developer Tools: Github, Visual Studio Code, Android Studio

ACHIEVEMENTS

- * Solved **1000+ DSA problems** across various platforms, demonstrating strong problem-solving skills.
- * **Ranked 2497 in Google Kick Start 2022 Round B** and **2811 in Round C**, showcasing competitive programming proficiency.
- * **Qualified for the Google Code Jam 2022 1st round** and **Meta Hacker Cup 2022 1st round**, highlighting coding expertise.
- * Participated in **100+ competitive programming contests** on platforms like **Codeforces, CodeChef, and LeetCode**, continuously honing coding skills.