

ATUL SHARMA

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EDUCATION

Jaipur Engineering College and Research Centre (JECRC) University

Aug 2019 – May 2023

B.Tech in Computer Science and Engineering

CGPA: 8.51

EXPERIENCE

GitHub

Feb 2022 – May 2022

Software Engineer Intern

Remote

- Created a **2 POCs** on GitHub Actions **Template's version migration**, which reduces the overhead of updating vulnerable dependencies and consuming new functionalities by **100%**.
- Implemented and demonstrated the POCs through a command-line app integrated within GitHub CLI (an open-source project with 28k stars) in Golang, with continuous feedback loops.
- Authored **5+** GitHub Action's Template for publishing to the marketplace along with its technical documentation.

Spacenos

Sep 2021 – Dec 2021

Android Developer Intern

Remote

- Modernized real-time communication by integrating the application with Quickblox API and improved the performance on **low latency by 43%**.
- Refactored a significant part of a bidding Android app, improving app performance from 82% **crash free sessions to 99%** along with reducing the **app start time by 47%**.
- Involved in the Development of various CRUD functionality on Firebase and optimized the network response time for various requests by **an average 18%**.

LogoCial

Jan 2021 – May 2021

Freelance Android Engineer

Remote

- Revamped location tracking services in foreground & background to provide real-time location updates with a minimum of **90% Accuracy**.
- Designed **authentication system**, Implemented localization to improve customer retention along with integrating RazorPay payment gateway and the **subscription module**.
- Created Room Database structures that combine with various app functionality and authored a system to support multiple users and along with creating rich and custom UI components.

PROJECTS

Karobar Easy | *Freelance Project*

Feb 2021 – Dec 2021

- A business management app to manage staff's attendance & salary and check their location during working hours, which cut down paperwork used to handle employees by 100%.
- Developed **Text-To-Speech Push Notification** for key updates which increased the **click through rate up to 35%**.
- Introduced an automated script to generate more than **10,000** QR codes on an existing PDF format in Java instantly.
- 50,000+** times attendance marked both manually & automatically (through QR Code) with **1000+** Daily active users.

Puppetoon App | *Project under Govt. Of India*

Feb 2021 – June 2021

- An android app to support the Dept. of Science and Technology's initiative in creating awareness in rural areas about government schemes in the form of videos based on puppets so people can connect easily.
- Also, the platform helps people to raise their problems to higher authorities in the form of feedback and concerns directly. In beta, **93% of people** are satisfied with the platform.

AmbikaParts | *Team Lead*

Dec 2020 – Jan 2021

- Increased the revenue by **533%**, and grew user retention up to **259%** by implementing a virtual currency reward system.
- Improved code coverage by writing unit tests with JUnit5 & reduced **build time by 10%** by using Gradle task optimizations.

SKILLS

Languages: C, C++, Kotlin, Java, GoLang

Databases: MySQL, Firestore, RoomDB, RealtimeDB

Tools & Technology : Android SDK, Git, GitHub Actions, Postman, Jira, Figma, Markdown, NodeJS, AWS, Azure

Library & Frameworks: Retrofit, Glide, Jetpack Libraries, Junit5, RestAPI, ViewModel, LiveData, YAML

ACHIEVEMENTS

- **10k+** Monthly readers on [Medium](#), a blogging platform.
- Smart India Hackathon Prelims **1st Runner Up**.
- In **Top 8%** in Facebook HackerCup21 Pre-Elimination round out-of total 35,000+ participants.
- In **Top 0.01%** in CodeChef SnackDown21 Elimination round out-of total 75,000+ participants.
- Max Rated **5 stars** on [CodeChef](#), a competitive coding platform.
- Bajaj Hackrx Hackathon **3rd Runner Up**