

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: 8.86

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Theory of Computation
- Database System
- Software Engineering
- Discrete Mathematics
- Computer Networks
- Computer Architecture

Experience

Spacenos

Sep. 2021 – Dec. 2021

Android Developer Intern

Remote

- Modernized real-time communication by integrating it with Quickblox API and enabled payments through Stripe.
- Designed and Developed application logic for couple of mobile apps using **Android SDK and Java**.
- Involved in the Development of various CRUD functionality on **Firebase Firestore and RealtimeDB**.

The Streamliners

Jun. 2021 – Aug. 2021

Android Engineering Intern

Remote

- Worked on improving the Application architecture to improve its performance by reducing **App Start time (by 35%)** and optimizing **network response time (by 18%)**.
- Introduced an automated script to generate more than **10,000** QR codes on an existing PDF format in Java instantly.
- Built a CI/CD for easier deployments with the help of GitHub actions.

LogoCial

Jan. 2021 – May. 2021

Freelance Android Engineer

Remote

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

Projects

Karobar Easy | *Freelance Project*

Feb 2021 – Present

- A business management app to manage staff attendance, salary & track their location during their working hours.
- Developed **Text-To-Speech Push Notification** for android apps, using Firebase Admin SDK
- **20,000+** times attendance marked both manually & automatically (through QR Code) with **400+** Daily active users.

Puppetoon App | *Project under Govt. Of India*

Mar.2021 – May 2021

- An android app to support 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 **89% people** are satisfied with the platform.

AmbikaParts | *Team Lead*

Dec. 2020 – Jan. 2021

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

Technical Skills

Languages: C/C++, Kotlin, Java, JavaScript

Databases: MySQL, FireStore, RoomDB, Realtime DB

Tools & Technology : Android SDK, Git, GitHub Actions, Postman, HTML & CSS, Jira, Figma, Markdown, NodeJS

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

Achievements

- **10,000+ Monthly readers** on [Medium](#), a blogging platform.
- 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](#)
- Bajaj Hackrx Hackathon **3rd Runner Up**