

# ATUL SHARMA

✉ [2012atulsharma@gmail.com](mailto:2012atulsharma@gmail.com)  [linkedin.com/in/1220atul](https://www.linkedin.com/in/1220atul)  [github.com/Ittwats](https://github.com/Ittwats)

## EDUCATION

**Jaipur Engineering College and Research Centre (JECRC) University**

**Aug. 2019 – May 2023**

*B.Tech in Computer Science and Engineering*

*CGPA: 8.65*

### Relevant Coursework

- Data Structures
- Algorithms Analysis
- Theory of Computation
- Database System
- Software Engineering
- Operating Systems
- Computer Networks
- Computer Organization

## EXPERIENCE

### GitHub

**Feb 2022 – May 2022**

*Software Engineer Intern*

*Remote*

- Created **couple of POCs** on GitHub Actions **Template's version migration**, involving intensive research on git internals, actions platform and event sourcing pattern.
- Implemented the POCs through a command line app integrated with GitHub CLI (an open-source project) in Golang.
- Authored **5+** GitHub Action's Template for publishing to marketplace along with its technical documentations.

### 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 **Firestore and RealtimeDB**.

### 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 – Dec 2021**

- A business management app to manage staff attendance, salary, and track their location during their working hours.
- Developed **Text-To-Speech Push Notification** for android apps, using Firebase Admin SDK
- Introduced an automated script to generate more than **10,000** QR codes on an existing PDF format in Java instantly.
- **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, GoLang, HTML & CSS, JavaScript

**Databases:** MySQL, Firestore, RoomDB, RealtimeDB

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

**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-off total 35,000+ participants.
- In **Top 0.01%** in CodeChef SnackDown21 Elimination round out-off total 75,000+ participants.
- Max Rated **5 stars** on **CodeChef**
- Bajaj Hackrx Hackathon **3rd Runner Up**