

# SHIVANG VORA

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## EXPERIENCE

### GENERAL AERONAUTICS PVT. LTD. - FULL TIME

#### Android Developer

Work From Home

Feb 23 - Aug 23

- Developed and maintained 2 Android native Mobile applications for GA Pilot App and GA Technician App.
- Utilized Agile workflow to efficiently deliver projects on time.
- Collaborated with cross-functional teams to design and implement new features.
- Conducted code reviews and provided valuable feedback to improve code quality.

### CODE QUOTIENT PVT. LTD. - INTERNSHIP

#### Full stack MERN Developer

Mohali, Punjab

Aug 22 – Dec 22

- Yielded 5 separate projects during this internship focusing on MERN stack development.
- Implemented APIs and integrated frontend with backend functionality.
- Designed database architecture and system level implementations for the projects.
- Devised custom Session management middleware system from scratch.
- Built a Pomodoro application, a multi-device simultaneous alarm system, a web socket enabled chat application, an E-commerce website with email user verification and much more.

### R3Sys Pvt. Ltd. - INTERNSHIP

#### Java Developer

Shirpur, Maharashtra

Feb 22 – Mar 22

- Created and maintained Java applications.
- Worked as an Intern in Java development, using core Java, Advanced Java, and Spring framework.
- Constructed 7 projects during the internship including a full stack banking application, a KNN machine learning based personality matching matrimony application, an ERP system, etc.

## PROJECTS

### GA TECHNICIAN APP | ANDROID APPLICATION

- The technician app is designed to support the technicians with the repairs and maintenance of the drones.
- Created the entire project from scratch as the primary developer.
- Implemented OTP-based login authentication for secure user access.
- Integrated APIs using Retrofit to fetch and display real-time data.
- Incorporated Recycler Views within tab layouts and utilized bottom sheet fragments for smooth navigation.

### E-COMMERCE APP | WEB APPLICATION

- An E-commerce web-application with Email user verification and MongoDB database.
- Users can create an account as a customer or an admin.
- Admin users have specialized privileges to add or delete a product from inventory.
- A regular customer can add or delete products from a cart and also manipulate the quantity of a product from their cart.

### REPARTEE REALTIME CHAT APP | MERN APPLICATION

- For users who prefer to conduct discussions in their private spaces, there is an application called Repartee.
- With a dependable socket.io connection, users may send and receive messages one-to-one or in rooms containing multiple users.
- All of their crucial chats are securely kept on a MongoDB database at the backend with NodeJS APIs.
- Indexing implemented MongoDB database to assure minimum latency message retrieval.

### MILITARY SUPPLY CHAIN TRACKING USING BLOCKCHAIN | ANDROID APPLICATION, WEB APPLICATION

- Objective was to track the supply chain of military goods and equipment on an open ledger system.
- Blockchain fundamentals implemented using Python and FastAPI.
- Frontend built using MERN stack with Android application developed using Java and Retrofit.

### NoxLog | WEB APPLICATION

- A virtualized journaling application where users can add their regular diary entries.
- This application can substitute the need for maintaining a physical bedside diary for people who have a habit of journaling their days on a regular basis.
- Built using NodeJS, MongoDB, Mongoose and standard frontend technologies containing HTML, CSS and JS.

## EDUCATION

### R. C. PATEL INSTITUTE OF TECHNOLOGY

Bachelor of Technology, Computer Science – 8.72 CGPA

Shirpur, Maharashtra

2019-2023

## TECHNICAL SKILLS

- **Programming Languages:** C, Java, JavaScript, Typescript, Python, HTML, CSS, Tailwind CSS
- **Frameworks:** Android SDK, MERN stack (MongoDB, Express.js, React.js, Node.js), Flutter, Redux, Flask, Mongoose, Mailjet
- **Database:** MySQL, MongoDB
- **Cloud and Other Tools:** RxJava, Retrofit, OneSignal, Firebase Cloud Messaging, AWS, Git, Github, Docker
- **Additional Skills:** Problem Solving, Verbal Communication, Time Management