

ANMOL SINGH

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EDUCATION

JSS Academy of Technical Education

Bachelor of Technology (B.Tech) in Computer Science and Engineering

CGPA: 7.02/10

Noida, India

2022 - 2026

EXPERIENCE

Valura.Ai | Software Development Engineer Intern

Dubai, UAE (Remote) | May 2026 - Present

- Engineered a **Global KYC onboarding flow** for iOS and Android using **React Native and TypeScript**, developing dynamic form rendering architectures and integrating third-party APIs (ViewTrade, DigiLocker) for global user identity verification.
- Developed the core **Trade & Invest module**, implementing secure equity order placement, real-time order previews, and dynamic fee calculation by integrating ViewTrade and GTN RESTful APIs.
- Architected a secure **brokerage session management system** utilizing Expo SecureStore and AsyncStorage to seamlessly manage authentication tokens, platform UUIDs, and automated login fallbacks.

Instafix | Software Development Engineer Intern

Gurugram, India (Onsite) | Feb 2026 - May 2026

- Built a React Native (Expo) hardware diagnostic iOS app deployed on the App Store with 25+ automated device inspection tests.
- Built a **cross-platform** field-service app in **React Native (Expo)** powering technician workflows: GPS punch-in, parts approvals, and **image upload** resilient to poor networks (resumable retries, on-device compression, background sync). Added **Firebase Cloud Messaging** job dispatch and a perf overhaul using **MMKV** and **TanStack Query**.
- Built a **Next.js** and **TypeScript** web platform for an online booking and repair service with **10+ responsive screens**, dynamic routing, and seamless API integration improving render speed by **30%**.

Zarle Infotech | Software Developer Intern

Noida, India (Onsite) | Aug 2025 - Nov 2025

- Developed and deployed 3 production React Native mobile applications (Chefadora, Revibe, and Blood App) serving 500+ users across Android and iOS.
- Engineered secure authentication system using Firebase Authentication with email/password and social login providers, integrated Cloud Firestore for real-time data synchronization with 99.9% uptime.

PROJECTS

AI-Powered Interview Preparation Coach | Github Link | *React Native, TypeScript, Node.js, Express.js, PostgreSQL, Prisma ORM, Google Gemini AI, JWT, Redux Toolkit, REST APIs*

- Engineered full-stack mobile app with React Native and Node.js microservices, integrating Google Gemini AI API to generate 1000+ unique questions across 15+ interview categories with 95% accuracy and real-time AI-driven feedback.
- Architected PostgreSQL database with Prisma ORM managing 12+ normalized tables and 20+ RESTful APIs, achieving 99.9% uptime, sub-100ms response times, and 50+ concurrent user sessions.
- Developed 8+ features including real-time dashboards tracking 10+ metrics, gamification with 25+ badges, ML resume parsing, and STAR evaluation using Redux Toolkit with 40% faster performance.

RideFlow | Github Link | *React Native, TypeScript, JavaScript, API Integration, Clerk Authentication, Stripe payment, PostgreSQL, Google Maps, Zustand, Tailwind CSS*

- Built a ride-hailing app similar to Uber using React Native, TypeScript, Clerk (for authentication), and NeonDB (PostgreSQL). The app features real-time location tracking.
- Designed a responsive UI and scalable data flow using Zustand.
- Integrated Google Maps API for route visualization and distance calculation, optimizing fare estimation with 95% accuracy.

SKILLS

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

Frontend & Mobile: React, React Native, Expo, Redux, Context API, Jetpack Compose, Next.js

Backend & APIs: Node.js, Express.js, RESTful APIs, AWS, JWT, Google Maps API

Databases: PostgreSQL, MongoDB, MySQL, Firebase Firestore, Room DB

Tools & Platforms: Android Studio, Git, GitHub, Postman

Development Practices: Unit Testing, Code Review, Agile/Scrum, Microservices

Technical Skills: Data Structures & Algorithms, Operating Systems, DBMS, OOPS, Computer Networks

ACHIEVEMENTS

- Achieved **Specialist** rank on **Codeforces** (Max Rating: 1464, Top 30% globally)
- Solved **500+ Data Structures & Algorithms problems** across Codeforces and LeetCode