

# Roshan Kumar Android Developer

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## Profile Summary

Developer with a strong background in API handling and State management. Proficient in frameworks like React Native and Flutter, focusing on production-grade Android apps. Skilled in developing complex Android systems while continuously adapting to new technologies in the evolving mobile development landscape.

## Technical Skills

**Languages:** Javascript, Typescript, Python, SQL  
**Technologies:** React.js, Redux Toolkit, Tailwind CSS, Node.js, MongoDB, Docker,  
**Tools & IDEs:** VS Code, Linux, Git & Github, Figma

## Experience

### Hackathon Finalist – Ranked 17<sup>th</sup>

FinanceAdvisor Android App

- Tech Stack: React Native, TypeScript, AI Integration, Android Development.
- Developed **FinanceAdvisor**, an AI-powered personal finance assistant using React Native and TypeScript, ranked 17<sup>th</sup> in a national-level hackathon.
- Integrated an AI chatbot for real-time financial queries and smart assistance within the app.
- Enabled speech-to-text and text-to-speech interaction using `@react-native-voice/voice` and `react-native-tts`, providing a fully voice-interactive experience.
- Built an AI system that reads and interprets transaction messages from device notifications to auto-generate a dynamic expense dashboard.
- Implemented secure UPI-based payments with `react-native-upi-pay` and `react-native-upi-intent`.

## Projects

**Velvet View** *React Native, Redux Toolkit, React Navigation, Firebase, AdMob, Reanimated, AsyncStorage, react-native-blob-util*  
[Source Code](#)

- AI-Powered Image Generation: Users can generate, download, and apply images within the app.
- Firebase Integration: Optimized data fetching with 20% improvement in speed.
- Wallpaper Gallery: Smooth infinite scrolling experience with pagination.
- Download Offline Access: Users can store wallpapers locally and access them without internet.
- Ad Integration: Monetized using Google AdMob for passive income.
- State Management: Efficient and scalable state handling with Redux Toolkit.

**Kabir Kart (Full Stack App)** *React Native, Node.js, Express.js, MongoDB/SQL, REST APIs, Secure Auth*    Currently Working

- Full-Stack Architecture: Backend handles users, orders, products with scalable API structure.
- Indexed Database: Achieved 40% performance boost through optimized queries and indexing.
- Secure Transactions: Manages authentication, order flow, and payment processing safely.
- UI Experience: Built a responsive product carousel using `react-native-x-carousel`.
- Smooth Navigation: Implemented multi-screen navigation using React Navigation.

## Education

**Ramgarh Engineering College, Ramgarh**

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*Bachelor Of Technology in Computer Science And Engineering*

*Ramgarh, Jharkhand*

- **Relevant Coursework:** Data Structures and Algorithms (Python), Operating System, Computer Networks, DBMS(SQL), Java & JDBC, Compiler Design