

Saurav Kumar

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EXPERIENCE

React Native Developer

Jun 2024 – Present

Checkbox Technology Pvt. Ltd

Noida

- Led end-to-end iOS deployment including build automation, testing, and release. Liaised with App Store reviewers to ensure compliance and approval.
- Set up HealthKit and Fitbit APIs to extract ECG data, and applied GPT-based models to summarizing ECG insights.
- Built a unified notification system using Firebase Cloud Messaging and OAuth with Google, Facebook, and Apple Sign-In.
- Streamlined the Android/iOS deployment process, reducing internal testing setup time by 40%.
- Integrated Gemini AI for contextual awareness and enhanced user experience.

Full Stack and Mobile App Developer

Dec 2022 – Jun 2024

YMGrad

Delhi

- Revamped UI/UX using ReactJS and NativeBase to improve usability and consistency.
- Added Razorpay EMI workflow, leading to an 18% increase in payment success rate.
- Developed real-time transaction tracking workflows using Stripe webhooks.
- Visualized user data using Victory and Recharts, improving insight delivery for 1,000+ monthly users.
- Designed and developed the 'Research Group' module with Django REST and React, handling both backend and frontend.
- Managed mobile app builds using TestFlight and Google Play Internal Testing, halving the QA feedback loops.

Full Stack Software Developer Intern

Aug 2022 – Dec 2022

YMGrad

Delhi

- Worked on creating user-friendly designs using React and reusable components.
- Redesigned the Edit Profile section, enhancing modularity and user interaction.

PROJECTS

Hearty ECG: Android/iOS App (App Store)

- Built a cross-platform heart monitoring app for real-time ECG and heart rate tracking.
- Incorporated Apple Health and Fitbit APIs to fetch ECG and heart rate data.
- Implemented Google, Facebook, and Apple Sign-In for authentication.
- Enabled subscription-based upload of ECG PDFs and AI-generated summary reports.

Campus 360: Android App

- Created a smart campus app to streamline student engagement and academic operations.
- Implemented features like attendance tracking, safety alerts, and academic modules.
- Leveraged AI to enhance student services and communication.

TECHNICAL SKILLS

- **Frontend:** React, React Native, JavaScript, HTML, CSS, Redux, NativeBase, Bootstrap, Material UI
- **Backend:** Python, Django REST Framework, Socket.io, Firebase Auth
- **Databases:** Firebase Realtime Database, Firestore
- **Tools:** Git, GitHub, PyCharm, VS Code

EDUCATION

University of Delhi

B.Sc. Computer Science

Dyal Singh College, Delhi

2019 – May 2022