

# ABHISHEK POWADE

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## WORK EXPERIENCE

### Courseplay, Mumbai: React Native Developer

Dec 2023 – Present

- Redesigned the **app UI/UX** and added **dynamic theming with Context API**, making it **modern, responsive, and visually appealing**. This improved **user engagement by 30%**.
- Developed an **offline-first architecture** using **SQLite and caching strategies**, allowing the app to function seamlessly in low or no connectivity. This **reduced API calls by 35%** and improved data availability.
- Designed a **custom Bash script** to generate unique builds for different clients, automating configurations like branding and API endpoints. This reduced **manual setup efforts by 80%** and accelerated deployment.
- Solved **React Native versioning and dependency conflicts**, ensuring backward compatibility and smooth upgrades. Debugged major **crash issues, reducing app failures by 40%**.
- Integrated **real-time updates** using **WebSockets and Firebase**, enabling instant sync across devices. This improved **user experience in collaborative and live-data scenarios**.
- Refactored UI components to support **both landscape and portrait orientations** while maintaining responsiveness. Used optimized rendering techniques to **reduce UI lag and improve FPS**.
- Implemented **custom native modules** using **Kotlin and Swift** to enhance device-level features like biometric authentication and deep linking. This increased app security and **reduced authentication time by 40%**.
- Integrated **payment gateways like Stripe and Google Pay**, ensuring compliance with PCI DSS. Optimized API request handling, **reducing payment failures by 20%**.
- Enhanced app debugging by using **Flipper, React DevTools, and Firebase Crashlytics** to track and fix production issues. This led to a **50% drop in major crashes**.

### Plus91 Technologies, Pune: Jr. Software Developer

Mar 2022 – Oct 2023

- Developed a **Patient Health Record (PHR) app** using React Native, integrating **government ABHA APIs** for secure medical data access. Improved patient record management, making retrieval 50% faster.
- Built a **Receptionist application** with **custom calendar and hooks**, streamlining appointment scheduling and patient lookups. Enabled quick patient access, reducing manual effort by 40%.
- Created a **Doctor application** for managing **appointments, prescriptions, and patient interactions** in real time. Implemented an intuitive UI, increasing doctor efficiency and engagement.
- Designed **custom React Native hooks and reusable components**, enhancing maintainability and reducing redundant code. This improved development speed and ensured better scalability.
- Implemented **offline mode with SQLite and AsyncStorage** to store critical healthcare data for low-connectivity areas. Optimized caching strategies to balance performance and storage efficiency.

## SKILLS

**Mobile Development:** React Native, React, Redux, JavaScript, Expo, Custom Hooks, Native Modules (Swift & Kotlin)

**Backend and APIs:** Firebase, GraphQL, RESTful APIs, WebSockets, Authentication (OAuth, JWT, Firebase Auth)

**Database Management:** MongoDB, SQLite, AsyncStorage, Firebase Firestore

**Performance Optimization:** Memory Management, Thread Optimization, Lazy Loading, Hermes Engine

**Version Control and CI/CD:** Git, GitHub Actions, Jenkins, Fastlane, Bitrise, CodePush

**Cloud Services:** AWS (S3, EC2, Lambda), Firebase, Google Cloud, AppCenter

**Testing and Debugging:** Jest, React Testing Library, Detox, Postman, Flipper, ESLint

**Project Management:** Agile, Scrum, Jira, Trello, Slack

## EDUCATION

### Master of Computer Application (MCA)

Graduating June 2022

Autonomous University

**8.3 GPA**

GCEK, Kara

Relevant coursework: **Mobile Application and Web Application Development**