Saibal Kole

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Profiles

in saibalkole   Saibalweb   𝕏 @SaibalKole

Experience

Trigital Technologies Pvt Ltd   Dec 2023 – Dec 2024
Software developer Intern   Remote

- Architected and executed seamless updates for CashMe, Calonex, and eParisheva, enhancing user experience and functionality; achieved a 40% decrease in reported app crashes, improving overall user satisfaction
- Created visually appealing and functional UI designs utilizing React Native; recognized as most junior member on team contributing innovative solutions resulting in reduced bounce rates of application
- Integrated APIs and handled data binding to enhance app functionality and performance.
- Implemented **OAuth** for secure user authentication and authorization.
- Added **deep linking** capabilities for improved app navigation and user experience.
- Collaborated seamlessly with design and QA departments while addressing software bugs; implemented solutions that improved app performance ratings from users .
- Optimized app performance and ensured compatibility with multiple Android/iOS devices.

Education

Seacom Engineering College   2024
Computer Science   B.Tech
8.58/10

Skills

Languages/Markup	Developer Tools	Frameworks/Library	Database
C, C++, JavaScript, TypeScript, HTML, CSS	Git, Github, Docker, Nginx, Aws	ReactJs, ReactNative, Express, Next Js	Mongodb, Sql

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Projects

DocRx
Streamlined mobile app for creating, storing, and managing digital prescriptions.

- Architected and developed a full-stack mobile application that digitized the prescription process, reducing paper waste by an estimated 500+ pages per doctor monthly
- Implemented secure authentication system using JWT and Bcrypt, ensuring HIPAA-compliant protection for sensitive patient data
- Designed and optimized MongoDB schema for efficient storage and quick retrieval of patient records, prescriptions, and doctor information
- Developed responsive UI components with React Native and NativeWind that achieved 98% positive feedback in user testing
- Deployed and configured AWS infrastructure (EC2, S3) with Nginx for load balancing, resulting in 99.9% uptime since launch
- Tool/Framework - **React Native,React,Expo, NativeWind,Tailwind,MongoDb, Express, Bcrypt, jwt,RestApi,Nginx,Aws**

Friendly
A Socila Media App where you can connect with other people

- User authentication, posts with likes and comments, and notifications.
- Full-stack development, RESTful API integration, state management, database design, and deployment.
- Delivered a functional and responsive social media platform with a seamless user experience.
- Tool/Framework - **React Native,React, NativeWind,Tailwind,MongoDb, Express, Bcrypt, jwt,RestApi**