

Akib Rayhan

Software Engineer

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<https://github.com/KaziAkibRayhan> • <https://kazi-akib-rayhan.vercel.app/>

Software Engineer with 3+ years of professional experience building web and mobile applications using React JS, React Native, and Node.js. Experienced across the full development cycle — implementing user interfaces, designing and integrating APIs, and managing production releases to the Apple App Store and Google Play Store. Regularly works with AI development tools such as Claude Code and Codex to deliver quality features faster. Key achievement: contributed to a production Web3 wallet, trading, and social platform supporting five blockchain networks.

Core Skills: JavaScript • TypeScript • ReactJS • React Native • NodeJS • Next JS • MongoDB • Web3

PROFESSIONAL EXPERIENCE

Bayshore Communication, Aftabnagar, Dhaka

August 2025 – Present

Junior Software Engineer

- **Contributed to the development** of the **Swop – Connecting the World** mobile application, combining Web3 wallet, trading, and social platform features.
- **Integrated Privy** for secure wallet creation and authentication across multi-chain environments.
- **Implemented** multi-chain wallet support for **Ethereum, Polygon, Base, Arbitrum, and Solana**, including asset management and transaction history.
- **Developed** cross-chain swap functionality and integrated **Jupiter API** for optimized token swaps and routing.
- **Built and integrated** the native SWOP token across wallet, trading, and ecosystem features, including send/receive, swap, and utility-based interactions.
- **Engineered** social platform features including mint posts, standard posts, images, videos, polls, reposts, comments, and transaction-based feed updates.
- **Developed** advanced modules such as redeem link generation, NFT minting, marketplace interactions, and prediction markets.
- **Built** high-performance React Native UI, implemented push notifications, and managed app release processes on the **Apple App Store** and **Google Play Store**.

IT Corner Limited, Khilgaon, Dhaka

August 2023 – August 2025

Web & Mobile App Developer

- **Developed and deployed** dynamic web applications using React JS, Redux Toolkit, and Material UI, ensuring responsive designs and seamless user experiences.
- **Built mobile applications** with React Native, incorporating features like custom navigation and real-time updates, working with React Native Elements and React Native Paper UI libraries.
- **Optimized application performance** by implementing efficient state management and reducing API call overhead by up to 50%, enhancing app responsiveness and scalability.
- **Integrated backend services** using Node.js, Express.js, MongoDB, and Prisma ORM to enable real-time WebSocket communication and CRUD operations for web and mobile platforms.

IT Corner Limited, Khilgaon, Dhaka [Intern]

March 2023 – August 2023

React Frontend Developer

- **Gained expertise in building reusable components** in React JS, ensuring modularity and maintainability across multiple projects by leveraging frameworks like Ant Design to create consistent and visually appealing user interfaces.

- **Learned and implemented CI/CD workflows** using Bitbucket, Git, and GitHub, streamlining the deployment process and improving development efficiency.
- **Mastered responsive design techniques**, delivering seamless user experiences across devices while adhering to modern web standards.
- **Focused on deepening React JS knowledge**, including state management, lifecycle methods, and component optimization, while collaborating with senior developers on live projects.

SKILLS

Programming Languages: JavaScript (Experienced), TypeScript, Python (Basic).

Frameworks & Libraries: ReactJS (Experienced), React Native (Experienced), Expo, Next JS, NodeJS, Express JS.

State Management: Redux, Redux Toolkit, Zustand, Context API.

UI Libraries: Material UI, Ant Design, Tailwind CSS, shadcn/ui, React Native Paper, React Native Elements.

Database & ORM: MongoDB, Mongoose, Prisma ORM.

Mobile: React Navigation, Firebase (Auth, Push Notifications, Analytics), Payment Integration (Stripe, In-App Purchase), Maps, Deep Linking.

Web3: Ethers.js, Solana Web3.js, WalletConnect, Privy.

Real-time: Socket.io, WebSocket.

Tools: Git, GitHub, Bitbucket, CI/CD, Postman, Xcode, Android Studio, App Store Connect, Google Play Console, Claude Code, Codex.

Languages: Bangla (Native), English (Professional).

PROJECTS

Campus Resource Hub – Resource Sharing Platform

Personal Project

Live: campus-resource-hub-frontend.vercel.app • GitHub: github.com/KaziAkibRayhan

- **Built** a full-stack web platform for students to upload, share, and preview study resources (PDF, DOCX, PPTX, XLSX) using ReactJS, Tailwind CSS, Node.js, Express.js, and MongoDB.
- **Implemented** JWT authentication, Cloudinary file storage, real-time notifications with Socket.io, and API security using Helmet and rate limiting.
- **Integrated** AI features using the OpenAI API and transformer embeddings, with automatic text extraction from uploaded documents.

Swop – Connecting the World – Web3 Mobile App

Bayshore Communication

App Store: apps.apple.com/app/id1593201322 • Google Play: play.google.com/store/apps/details?id=com.travisheron.swopapp

EDUCATION

Northern University Bangladesh, Dhaka

May 2023 – Present

B.Sc. in Computer Science & Engineering

Cumilla Polytechnic Institute, Kotbari, Cumilla

July 2017 – November 2021

Diploma in Engineering

Computer Science & Technology

Result: CGPA 3.83 out of 4.