

Md Asadujjaman

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PROFESSIONAL SUMMARY

Full Stack Developer who excels at creating complete, polished mobile and web applications. Combines strong frontend skills for building intuitive user interfaces with solid backend capabilities. Transforms complex requirements into efficient, maintainable solutions with clean code and thoughtful architecture. Known for attention to performance, responsive designs, and seamless user experiences across different platforms.

CORE COMPETENCIES

Modern JavaScript Development (React, React Native, Node.js), Full Stack Application Architecture, Cross-Platform Mobile Development, Real-time Systems & WebSocket Integration, REST API Design & Implementation, Test-Driven Development, Clean Code & Best Practices, Performance Optimization

TECHNICAL SKILLS

Languages & Scripting: JavaScript, TypeScript, Kotlin, Java, Dart, HTML5, CSS3, SCSS

Mobile Development: React Native (Expo & Bare), Android (Jetpack Compose, Java), Push Notifications, Offline Sync, Deep Linking, OTA Updates, App Publishing (Play Store / App Store), Expo EAS, Performance Optimization, Device APIs Integration

Frontend Development: React.js, Next.js, Astro, Remix, Tailwind CSS, Bootstrap, ShadCn

Architecture & State Management: Modular Code Structure, Component-Based Architecture, Redux, Zustand, Context API, MobX, React Navigation, Deep Linking, Clean Architecture, SOLID Principles

UI/UX & Design Integration: Tamagui, Material Design, Shadcn, AndDesign, Framer Motion, Reanimated, Responsive Layouts, Cross-platform UI

Backend & Databases: Node.js, Express.js, NestJS, PostgreSQL, MongoDB, Redis, TypeORM, Socket.IO, WebSocket, WebRTC

Cloud & Infrastructure: Firebase (Auth, Firestore, Real-time DB), Supabase, AWS (Basic), Authentication, Real-time Database, Storage, Push Notifications, Cloud Functions, Error Tracking, Analytics

Testing & Development Tools: Jest, React Testing Library, Chrome DevTools, Expo DevTools, VS Code, Android Studio, Swagger, Postman

DevOps & Deployment: Git, GitHub, GitHub Projects, GitHub Actions, Vercel, EAS Build, Docker (Basic), Linux (Ubuntu), macOS

PROFESSIONAL HIGHLIGHTS

Software Engineer at Tulip Tech

2024 -Present

- Developed mobile apps and web interfaces using React Native in a shared codebase
- Connected to real-time data systems for live content and interactive experiences
- Added fingerprint/face authentication and security features in mobile apps
- Created background processing for PDF generation and document handling
- Improved app performance with efficient data loading and storage techniques
- Built smooth navigation systems with history tracking and deep links
- Designed responsive user interfaces with animations for better user experience

Full Stack Developer at Oservo Dynamics

2023 - 2024

- Contributed to e-commerce platform for multiple online stores
- Built website templating system and server-side code for better performance
- Developed video calling and messaging features using WebRTC and Socket.IO
- Created real estate management platform with lease tracking, property listings, and tenant portal
- Implemented document viewing system for property agreements and lease contracts
- Set up email systems using Dovecot and Postfix
- Designed modular system architecture for easier updates and maintenance
- Managed databases with stored procedures for handling business logic

Android Developer at BNB Tech

2019 - 2021

- Developed native Android applications with Java, following Material Design principles
- Implemented offline-first architecture with SQLite for reliable operation in low connectivity areas
- Created responsive UI components compatible across multiple device sizes and Android versions
- Integrated REST APIs for seamless data synchronization between mobile app and backend systems
- Utilized Firebase services for analytics, user authentication, and push notifications
- Optimized app performance for lower-end devices through efficient memory and battery usage
- Collaborated with design team to translate UI/UX wireframes into functioning applications

NOTABLE PROJECTS

Joshco App

Real estate mobile and web platform for the Johannesburg Social Housing Company enabling tenants to manage properties, view leases, and access services.

My Contributions:

- Developed mobile app and responsive website with React Native
- Built tenant dashboard for property management and lease viewing
- Created fast PDF viewing system by converting documents to images
- Set up email server for notifications and communications
- Added automated database backup system with secure storage
- Designed admin portal for lease management and tenant oversight
- Built API connections to the database for data access

React Native (Expo), PostgreSQL, Laravel - Blade, RESTful APIs, Postfix, Dovecot, Linux, Cron

The World Games

Feature-rich streaming application with 24/7 live channel, multiple camera coverage, and on-demand video library.

My Contributions:

- Added video player with custom controls for live and recorded videos
- Built smooth tab navigation with easy transitions and deep linking
- Implemented video ads at different points (beginning, middle, custom positions)
- Added offline viewing for watching without internet connection
- Connected to sports data feed for live scores and statistics
- Improved data loading and storage for better performance

React Native (Expo), JWPlayer, Supabase, Sanity CMS, GraphQL, TanStack Query

Paykhom

Platform for merchants to create and manage online stores without technical knowledge.

My Contributions:

- Designed the core system for managing multiple online stores
- Built website template system with instant theme updates
- Developed server framework with Vert.x for fast response times
- Created system for automatic store setup with separate domains
- Added code tools to simplify server development
- Built database structure for handling store operations
- Set up professional email system for store communications
- Created automated system for setting up new merchant stores

Vert.x, JavaScript, PostgreSQL, Nginx, Linux, Microservices, Custom Annotation Processing, Template Engine, Dovecot/Postfix