

Haroon Asif

Senior Software Engineer | Lead Frontend Engineer | React Native Specialist

Reston, Virginia, United States | Open to Remote (International Clients) & On-site Roles
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PROFESSIONAL SUMMARY

Senior Software Engineer and Lead Frontend Engineer with 6+ years building React Native mobile apps, frontend platforms, and lightweight desktop workflows for international and local clients. Primary expertise is React Native CLI and Expo for Android/iOS, supported by strong frontend delivery in React.js, Next.js, Vue.js, Angular, TypeScript, reusable UI architecture, API-driven screens, and real-time product features. Experienced in client communication, sprint planning, code reviews, production support, app-store release support, performance optimization, and AI-assisted workflows for debugging, documentation, refactoring, and faster delivery. Available for remote engagements with distributed teams as well as on-site and hybrid roles in Lahore.

CORE SKILLS

Mobile: React Native CLI, Expo, Android, iOS, App Store, Google Play Store, push notifications, deep linking, background services, native modules

Frontend: React.js, Next.js, Vue.js, Angular, TypeScript, JavaScript, Tailwind CSS, MUI, Ant UI, HTML, CSS, responsive UI, component architecture

State and APIs: Redux Toolkit, Redux, Zustand, MobX, Context API, React Query, Apollo Client, REST APIs, GraphQL

Backend, Realtime, Integrations: Node.js, Express.js, Firebase, Supabase, MongoDB, MySQL, SQLite, WebSocket, Socket.io, WebRTC, Twilio, Bluetooth LE, Stripe, Apple Pay, Google Pay, social login, AWS Amplify

Tools and Workflow: Git, GitHub, Jira, ClickUp, Android Studio, Xcode, VS Code, Agile, code reviews, AI-assisted debugging, documentation, refactoring, and test planning

PROFESSIONAL EXPERIENCE

Senior Software Engineer / Lead Frontend Engineer | Tkxel | Mar 2024 - Present

Reston, Virginia, United States

- Lead cross-platform delivery across React Native (Android & iOS), React.js/Next.js/Vue.js web, and React with Tauri desktop apps, turning client requirements into production-ready releases.
- Own team leadership end to end: sprint planning through Jira, code review, mentoring, client communication, and architecture decisions across concurrent client engagements.
- Partner with backend teams on REST/GraphQL API design, authentication flows, and real-time data sync, then drive deployment, production support, and performance optimization.
- Built the team's AI-assisted workflow around Claude, Cursor, OpenAI Codex, and GitHub Copilot for debugging, refactoring, documentation, and test planning, with every AI-assisted change reviewed and validated before shipping.

Software Engineer - React Native Developer | Tkxel | Aug 2021 - Feb 2024

Reston, Virginia, United States

- Shipped high-performance React Native (CLI & Expo) apps with 100% Jest test coverage on core components, integrating Firebase, Supabase, Stripe, Apple Pay, Google Pay, and social logins.
- Cut development time 25% across multiple projects by building a reusable UI component library, while leading client calls to scope requirements and deliver premium-quality products.
- Delivered blockchain and wallet features, including smart contracts, cryptocurrency transactions, Etherscan.io/Polygon integrations, and Metamask wallet support, alongside WebRTC live chat, push notifications, and WebSocket/Socket.io real-time sync.
- Mentored junior developers through code reviews and owned deployment, maintenance, and production support for large-scale applications.

Android App Developer Intern | Tkxel | Nov 2020 - Jul 2021

Reston, Virginia, United States

- Developed and maintained Android applications for clients using Java and Kotlin, working closely with clients to define user stories and shape new features.
- Conducted unit testing, partnered with QA to identify and fix bugs, and participated in code reviews to raise code quality.
- Integrated third-party libraries and APIs while following Agile methodologies to support timely delivery of high-quality software.

SENIOR DELIVERY SCOPE

- Lead mobile-first product delivery across React Native, web, and lightweight desktop surfaces, with responsibility for feature planning, implementation quality, releases, and production support.
- Own senior-level mobile concerns including app-store readiness, performance tuning, crash/bug triage, push notifications, deep links, background services, secure authentication, payments, and device/API integrations.
- Work with remote stakeholders through requirements clarification, sprint planning, Jira/ClickUp tracking, async updates, demos, handoffs, and clear documentation for distributed teams, alongside on-site delivery and team leadership in Lahore.
- Improve engineering quality through code reviews, reusable component systems, API/state-management patterns, mentoring, debugging support, and careful validation of AI-assisted development output.

SELECTED PROJECTS

- **Tennessee Knife Company:** Cross-platform e-commerce and community app for browsing and purchasing knives, the First Blade Program mentorship initiative, and a Hall of Honor for user-submitted stories, photos, and videos. **Technology:** React Native CLI, e-commerce, secure checkout, user-generated content, order history. **Links:** App Store: <https://apps.apple.com/us/app/tennessee-knife-company/id6786818308>; Google Play: <https://play.google.com/store/apps/details?id=com.tennesseeknife&pli=1>.
- **UMM:** Healthcare app with Bluetooth vital sync, CarePoints, Twilio video visits, prescriptions, and doctor/patient monitoring. **Technology:** React Native, Redux Toolkit, Twilio, Bluetooth LE, secure authentication. **Links:** Access: Private/internal healthcare product.
- **mPathAI:** Coaching app and web product with real-time chat, goal planning, progress review, and accountability workflows. **Technology:** React Native CLI, React.js, real-time chat, coaching workflows. **Links:** App Store: <https://apps.apple.com/us/app/mpath-ai-overcome-overwhelm/id6740194742>; Web: <https://mpathai.com/>.
- **Chattelz:** Marketplace app and web flow for private home chattel transactions between sellers, buyers, agents, and stagers. **Technology:** React Native CLI, React.js, API integration, marketplace workflows. **Links:** App Store: <https://apps.apple.com/ca/app/chattelz/id6476102786>; Web: <https://www.chattelz.net/login>.
- **eGiving:** Church giving app for tithes, offerings, recurring schedules, reporting, profiles, and payment workflows. **Technology:** React Native, Redux Toolkit, Context API, payments, App Store, Google Play. **Links:** App Store: <https://apps.apple.com/us/app/egiving/id947084733>; Google Play: <https://play.google.com/store/apps/details?id=au.org.egiving.mobile>.
- **MDLite:** Ministry reporting app for leadership profiles, progress tracking, administration, reporting, and mobile support. **Technology:** React Native, Redux Toolkit, Context API, reports, admin flows. **Links:** App Store: <https://apps.apple.com/us/app/mdlite/id6448111425>; Google Play: <https://play.google.com/store/apps/details?id=com.mdlite.au>.
- **Finafy:** Financial services web dashboard for leads, banks, services, CMS, users, activity logs, and API-driven UI. **Technology:** Next.js, React.js, TypeScript, REST APIs, responsive UI. **Links:** Web: <https://dev.finafy.ae/>.
- **ICProgress:** Construction and field-service operations platform with authentication, dashboards, reusable modules, and API integration. **Technology:** Vue.js, JavaScript, authentication, responsive UI. **Links:** Login: <https://login-dev.icprogress.com/auth/login>.
- **BPO Finance Reconciliation:** Desktop finance workspace for controlled bank-to-Yardi reconciliation, exceptions, approvals, audit context, and reports. **Technology:** React.js, Tauri, TypeScript, finance workflow UI. **Links:** Access: Private/internal finance workflow.
- **Fasset:** Digital asset app for wallet flows, secure transactions, payments, and portfolio monitoring. **Technology:** React Native CLI, fintech, crypto wallet flows, secure APIs. **Links:** App Store: <https://apps.apple.com/id/app/fasset-buy-digital-assets/id1599893605>.
- **Oneiro / Ndau Wallet:** Multi-coin wallet for Ndau and ERC-based assets with secure storage, balance tracking, and transactions. **Technology:** React Native CLI, wallet flows, ERC tokens, secure transactions. **Links:** App Store: <https://apps.apple.com/us/app/ndau-wallet/id1414405113>.

EDUCATION

Bachelor of Science in Computer Science (BSCS), Government College University Lahore, 2017 - 2021