

Volodymyr Sh.

Senior Senior React Native Engineer

SUMMARY

- Senior React Native engineer with 9+ years in mobile and web development, including 6+ years with React Native in production.
- Delivered cross-platform applications across healthcare, fintech, real estate, and logistics domains, including patient-facing clinical trial apps (HIPAA-compliant).
- Experience includes real-time features using WebRTC, offline-first data handling, and performance optimisation for mobile apps.
- Worked with React, Next.js, GraphQL, and AWS; contributed to mobile architecture and led frontend teams.

TECHNICAL SKILLS

Main Technical Skills	React Native, TypeScript, React
Programming Languages	JavaScript, Solidity, TypeScript
Android Libraries and Tools	Android APIs
JavaScript Libraries and Tools	Apollo, Apollo Client, Enzyme, Expo, React Native, React Navigation, React Router, Redux, Redux-Saga, Redux-toolkit
Mobile Frameworks and Libraries	Crashlytics, Detox
JavaScript Frameworks	Ext JS, Next.js, React
Databases & Management Systems / ORM	Firebase Realtime Database, MongoDB, Realm, SQLite
UI Frameworks, Libraries, and Browsers	Storybook, Tailwind CSS, UI
Cloud Platforms, Services & Computing	AWS
Google Cloud Platform	Firebase Realtime Database, GCP Storage
Industry Domain Experience	HIPAA
Platforms	Android, Fastlane, Google Play
SDK / API and Integrations	Android APIs, GraphQL, Twilio
QA, Test Automation, Security	Authentication, Jest, React Testing Library

Version Control	BitBucket
Deployment, CI/CD & Administration	CI/CD, CircleCI, Jenkins, SonarQube
Logging and Monitoring	Datadog, Sentry
Methodologies, Paradigms and Patterns	DRY, REST, SOLID, SSR, TDD
Operating Systems	iOS
Mail / Network Protocols / Data transfer	WebRTC, WebSockets
Third Party Tools / IDEs / SDK / Services	XCode
Other Technical Skills	Flipper, OTAs, RUM

WORK EXPERIENCE

Frontend Engineer/Team Lead, Scilife (Compliance and Quality Management SaaS)

Duration: Jul. 2023 - Present

Summary: Development of a Compliance & Quality Management SaaS platform with a React/Next.js. SSR web platform paired with a React Native mobile companion app, focusing on improving UI consistency and performance.

Responsibilities:

- Led a cross-functional frontend team of 8 engineers building the platform.
- Architected a shared design system in Storybook for web and mobile.
- Migrated legacy server-rendered pages to Next.js App Router with React Server Components.
- Integrated Datadog RUM for real-time observability.
- Introduced SonarQube quality gates and structured code review process.
- Led development of a critical 2024 product initiative delivering MVP ahead of schedule.
- Mentored 5 engineers, resulting in 2 promotions.

Technologies: React, Next.js, TypeScript, React Native, Storybook, Datadog RUM, SonarQube.

Senior React Native Engineer, Medable (Clinical trial and patient engagement platform)

Duration: Jan. 2022 - Jun. 2023

Summary: Development and maintenance of a HIPAA-compliant React Native patient-facing app used globally in clinical trials to enhance patient engagement and data collection.

Responsibilities:

- Built and maintained the patient-facing app.
- Implemented offline-first data sync with Apollo Client persistent cache and custom conflict resolution.



- Developed an electronic Patient Reported Outcomes (ePRO) survey engine.
- Integrated biometric authentication and end-to-end encryption for PHI.
- Reduced app crash rate by profiling and migrating heavy computations to native modules.
- Collaborated with FDA-compliance and QA teams for release documentation and audit trails.
- Maintained Fastlane and CircleCI pipelines for automated deployments.

Technologies: React Native, TypeScript, GraphQL, Apollo Client, AWS, Fastlane, CircleCI.

Senior React Native Engineer/Tech Lead, Keller Williams (Real estate mobile and web platform)

Duration: Jun. 2019 - Dec. 2021

Summary: Led mobile architecture and development for KW Command, a flagship real estate app used by over 180,000 agents worldwide, focusing on modularization, data consistency, and CI/CD improvements.

Responsibilities:

- Owned mobile architecture and led evolution to feature-based module structure.
- Integrated GraphQL data layer replacing REST.
- Managed task breakdown, estimations, and sprint planning for mobile track.
- Established SonarQube quality gates and code review standards.
- Mentored 4 mid-level engineers.
- Maintained CircleCI and Fastlane CI/CD pipelines for automated deployments.

Technologies: React Native, React, GraphQL, Apollo, AWS, SonarQube, CircleCI, Fastlane.

Senior React Native Engineer/Tech Lead, Takeoff Technologies (Warehouse operations cross-platform app)

Duration: Jan. 2018 - May 2019

Summary: Designed and developed a cross-platform warehouse operations app deployed across multiple micro-fulfillment centers in the US and Europe, improving operational efficiency and device performance.

Responsibilities:

- Designed the mobile app framework adopted across 12 deployments.
- Delivered Inventory Adjustment MVP as proof-of-concept for a \$50M global rollout.
- Optimized startup and rendering performance on Zebra industrial devices.
- Implemented offline mode with Realm DB sync.
- Recognized as top-rated mentor in company-wide peer review.

Technologies: React Native, GraphQL, AWS, Realm DB, Zebra devices.

React Native Engineer, Carea Health (Real-time community health app)

Duration: Aug. 2017 - Dec. 2017

Summary: Developed a real-time community health app featuring messaging and video calls to enhance user engagement and communication within the health community.



Responsibilities:

- Architected real-time messaging and video-call features using WebSocket and WebRTC.
- Built push notification system with deep linking for iOS and Android.
- Integrated Twilio for in-app voice calls and coordinated backend signalling server design.

Technologies: React Native, WebSocket, WebRTC, Twilio.

React Native Engineer/Lead Developer, DIMO Fintech (Cross-platform fintech mobile app)

Duration: Sep. 2016 - Jul. 2017

Summary: Built the DIMO payment app from inception to release on App Store and Google Play, pioneering React Native usage at the company and delivering core fintech features.

Responsibilities:

- Developed core modules including QR payment flow, real-time transaction analytics, and loyalty rewards dashboard.
- Set up Fastlane and Bitbucket CI/CD pipelines for weekly OTA updates.
- Promoted to Lead Developer after 6 months for on-time delivery and quality.

Technologies: React Native, Redux, MongoDB, Fastlane, Bitbucket CI/CD.

Frontend Engineer, MillionMind (EU gamification SaaS platform)

Duration: Jul. 2015 - Aug. 2016

Summary: Developed the frontend for MillionMind, a gamified quiz SaaS platform with over 100,000 registered users, focusing on reusable components and team development practices.

Responsibilities:

- Developed core React/Redux frontend.
- Built reusable UI component library reducing development time.
- Introduced pair-programming and pull-request review culture.

Technologies: React, Redux.

EDUCATION

- **Master's Degree - Electronics and Telecommunications**
National Aviation University, Kyiv
2011 - 2017

