

Roman Saito

Senior Senior Angular Developer

SUMMARY

- Senior Angular developer with 8+ years leading migrations from Angular 8 to 20, specializing in Standalone APIs, Signals, RxJS, and NgRx for scalable, high-performance applications.
- Proven track record in cross-platform Ionic apps, integrating Auth0, Google Maps, and Capacitor plugins to enhance native mobile experiences.
- Skilled in performance optimization techniques including OnPush change detection, lazy loading, SSR, and esbuild builds, improving load times by up to 50%.
- Computer Science graduate with strong engineering background, mentoring experience, and proficiency in TypeScript, Angular CDK, Storybook, Jest, and Cypress.

TECHNICAL SKILLS

Main Technical Skills	Angular (8 yr.), Ionic (5 yr.), TypeScript (8 yr.), RxJs (5 yr.), NgRx (5 yr.)
Programming Languages	PHP, TypeScript (8 yr.)
JavaScript Frameworks	Angular (8 yr.)
Mobile Frameworks and Libraries	Capacitor (1 yr.), Cordova (5 yr.), Ionic (5 yr.), OneSignal (2 yr.)
.NET Platform	Identity Server, SignalR (5 yr.)
JavaScript Libraries and Tools	NgRx (5 yr.), RxJs (5 yr.)
Salesforce Ecosystem	Salesforce AppExchange (5 yr.)
Security	Auth0 (1 yr.)
Data Analysis and Visualization Technologies	Charts (5 yr.)
Databases & Management Systems / ORM	MariaDB
UI Frameworks, Libraries, and Browsers	Ag Grid (5 yr.), Angular Material UI (5 yr.), Bootstrap (5 yr.), Chart.js (3 yr.), SCSS (5 yr.), Storybook (2 yr.), Tailwind CSS (2 yr.)
Cloud Platforms, Services & Computing	AWS, Azure
Payment Gateways	Authorize.Net (5 yr.)

QA, Test Automation, Security	Cypress (2 yr.), Jasmine (5 yr.), Jest (2 yr.), Karma (5 yr.), SSO
Version Control	Git (8 yr.)
SDK / API and Integrations	Google Maps API (1 yr.), GraphQL, OAuth, RESTful API (8 yr.)
Scripting and Command Line Interfaces	Perl
Web/App Servers, Middleware	PWA (8 yr.), SPA (8 yr.)
Methodologies, Paradigms and Patterns	SSR (2 yr.)
Mail / Network Protocols / Data transfer	WebRTC (5 yr.)
Other Technical Skills	Interceptors (5 yr.), Load (5 yr.), Nx Monorepo (2 yr.), PrimeNG (5 yr.), standalone (2 yr.), X

WORK EXPERIENCE

Senior Angular/ Ionic Developer - MTN Global (Cross platform iOS and Android applications development)

Duration: 09/2025 - Present

Summary:

- Development of cross platform mobile applications using Ionic and Angular to deliver native experiences on iOS and Android
- The project includes integration of authentication, data visualization, and location-based services to enhance user engagement and functionality

Responsibilities:

- Developed cross platform iOS and Android applications using Ionic, Capacitor, Angular, and TypeScript.
- Built modern Angular applications using Signals, Standalone APIs, and reactive state patterns.
- Integrated Auth0 authentication for secure login and role based access control.
- Designed interactive data visualization features with chart libraries.
- Integrated Google Maps APIs for location based features and geospatial visualization.
- Improved mobile app reliability with Capacitor plugins and optimized communication between Angular and native layers.
- Applied Angular performance optimization techniques including OnPush change detection, RxJS optimization, lazy loading, and reusable component architecture.
- Collaborated with backend and product teams to design scalable frontend solutions.

Technologies: Ionic, Capacitor, Angular, TypeScript, Auth0, Google Maps APIs, RxJS, Signals, Standalone APIs, Chart libraries



Senior Front-End Engineer - Cartwheel - Startup (Accounts Receivable automation platform)

Duration: 02/2024 – 08/2025

Summary:

- Development and scaling of an Accounts Receivable automation platform using modern Angular technologies
- The project focused on improving financial workflows, enterprise features, and frontend architecture modernization to enhance performance and maintainability

Responsibilities:

- Built and scaled the platform using Angular 17/18, TypeScript, Nx monorepo, NgRx, SignalR, and REST APIs.
- Led migration from Angular 12 to Angular 17/18 with modern architecture improvements.
- Designed scalable Nx monorepo architecture with shared libraries and standardized workflows.
- Created a private Angular component library with 30+ reusable components using Angular Material, TailwindCSS, and Storybook.
- Implemented complex enterprise workflows with Reactive Forms, custom validators, route guards, HTTP interceptors, and role based authorization.
- Designed NgRx state management with feature stores, Effects, selectors, and Entity adapters.
- Developed advanced financial dashboards using ApexCharts optimized for large datasets and real time updates.
- Improved frontend performance through lazy loading, RxJS optimization, bundle analysis, and Angular rendering optimizations.
- Established frontend engineering standards with automated testing (Jest/Cypress), static analysis, and CI/CD pipelines.

Technologies: Angular 17/18, TypeScript, Nx monorepo, NgRx, SignalR, REST APIs, Angular Material, TailwindCSS, Storybook, Reactive Forms, ApexCharts, Jest, Cypress, CI/CD

Senior Software Engineer - Right Stakes (High traffic iGaming platforms development)

Duration: 01/2019 – 01/2024

Summary:

- Development and modernization of high traffic iGaming platforms including casino and sportsbook experiences
- The project involved building real time interactive game interfaces, hybrid mobile applications, and reusable component libraries to support high user engagement and performance

Responsibilities:

- Developed iGaming platforms using Angular 8–16, Ionic, TypeScript, RxJS, NgRx, SignalR, and WebRTC.
- Led frontend modernization initiatives improving architecture consistency and performance.
- Built interactive casino and sportsbook experiences with real time game interfaces and animations.



- Improved application loading performance by 50% through lazy loading, RxJS optimization, and bundle optimization.
- Designed shared Angular component libraries with 20+ reusable components for UI consistency.
- Implemented reactive application architecture using RxJS and NgRx state management patterns.
- Built real time features using SignalR and WebRTC for low latency communication.
- Developed Ionic hybrid mobile experiences for consistent web and mobile functionality.
- Collaborated with product, UX, and engineering teams to prototype and deliver scalable frontend solutions.
- Mentored engineers on Angular architecture, TypeScript, RxJS, state management, and testing practices.

Technologies: Angular 8–16, Ionic, TypeScript, RxJS, NgRx, SignalR, WebRTC

EDUCATION

- **Diploma/ Accounting and Finance**

Tokyo Business Academy, Tokyo, Japan. Activities and societies: Accounting Study Group; Business & Finance Workshops; IT Practice Circle
04/2014 – 03/2015

- **Bachelor's degree/ Computer Science**

Waseda University, Tokyo, Japan. Activities and societies: GDG on Campus Waseda, Science and Engineering Computer Seminars
04/2010 – 03/2014

