

IGOR ŽIVKOVIĆ

Senior Frontend Developer | Angular, React, TypeScript

Niš, Serbia · +381 64 143 16 21 · igor.m.zivkovic@gmail.com · LinkedIn · Portfolio

Senior frontend developer with eight years of experience building Angular and React applications for fintech, industrial automation, and enterprise operations. Builds component-driven interfaces, data-heavy workflows, reusable frontend systems, and responsive, permission-driven products with maintainable TypeScript architecture. Experienced with NgRx, Redux, MobX, SignalR, WebSockets, REST APIs, and recent full-stack work with NestJS (Node.js), Drizzle ORM, and Swagger/OpenAPI.

EXPERIENCE

Senior Frontend Developer (Angular) | Kirey Group

PensionTech / Financial Services

Niš, Serbia | Jan 2026 – Present

- Develop and maintain 30+ screens across two interconnected Angular products – an enterprise pension Back Office and external Front Office portal – on a shared Angular–Spring framework.
- Build financial, regulatory, and self-service workflows – including contributions, retirement projections, transfers, and redemptions – for six distinct user groups (members, companies, agencies, operators, supervisors, and administrators) across a multi-tenant platform administering multiple pension funds.
- Deliver validation-heavy forms, data-intensive grids, localized workflows for multi-country deployments, REST integrations with Spring and Oracle, and reusable UI libraries in an Nx monorepo, working within a 15+ person cross-functional team.
- Implement role-based access control and security-sensitive UI flows under IORP II regulatory requirements, enforcing least-privilege and audited access across regulated pension data.
- Integrate the frontend with a complex taxation calculation engine, surfacing real-time tax estimates for pension requests such as anticipations, redemptions, and RITA (early supplementary-pension payouts).
- Investigate and improve application performance through page-level, use-case-level, and API-level measurements, identifying frontend and backend bottlenecks.

Senior Frontend Developer (Angular) | SharpDev Solutions

Industrial Manufacturing / Quality Management

Niš, Serbia | Aug 2025 – Jan 2026

- Developed the Angular frontend for an on-premises fault registration system used daily by 20+ line operators across multiple shifts, alongside quality engineers and supervisors, on industrial touch-screen workstations in a closed factory network.
- Built touch-first, fast-entry forms, custom controls, and tailored dashboards for defect logging, root-cause analysis, and line-performance tracking at cycle-time-critical stations.
- Integrated SignalR notifications and cross-station synchronization, and built Node.js services exchanging defect, downtime, and production-event data with the existing MES/ERP system through REST APIs.
- Automated PDF and CSV shift reports and replaced paper-based reporting, improving data accuracy and response times for quality teams.

Senior Frontend Developer (Angular & React) | Naissus Technologies

FinTech / Trading Platforms

Niš, Serbia | Nov 2023 – Jul 2025

- Led the migration of a large data-management interface from Angular to React in three months, rebuilding five core DevExtreme capabilities: editing, filtering, selection, persistent state, and pagination.
- Built row-level and bulk locking with MobX observable maps and WebSocket subscriptions, synchronizing trading grid state across tens of thousands of rows without full reloads.
- Implemented custom selection logic, dynamic grid headers, and DevExtreme stateStoring to preserve column configurations and user preferences across sessions.
- Kept UI components declarative by moving business logic into domain-specific MobX stores, introducing modular improvements while preserving legacy compatibility.
- Collaborated with backend engineers and product stakeholders to define data contracts, real-time synchronization rules, and UX constraints across modules.

Frontend Developer (Angular & React) | Prime Software

Enterprise Automation / Business Software

Niš, Serbia | Apr 2018 – Oct 2023

- Developed core Angular, RxJS, and NgRx features for the low-code platform now part of IBM Rapid Infrastructure Automation, including dynamic orchestration, drag-and-drop editors, and configuration builders.
- Built low-code UI flows that exposed 150+ vendor APIs as reusable action blocks, enabling engineering teams to trigger repeatable operational tasks with execution status, history, and safe-run context.
- Replaced Excel-based performance reviews with an Angular platform used by 300+ employees and managers, supporting competency matrices, multi-source evaluations, role-based access, review tracking, reminders, and reporting.
- Implemented Babylon.js 3D asset rendering in React with INDECA4D, enabling interactive visualization of complex data for internal enterprise use.

SKILLS

Technical: TypeScript, JavaScript, Angular, React, RxJS, Next.js, HTML5, CSS3, Node.js, NestJS

State, APIs & Tools: NgRx, Redux, MobX, SignalR, WebSockets, REST APIs, MSAL, Swagger/OpenAPI, Drizzle ORM, SQLite, Nx

UI & Styling: Angular Material, PrimeNG, Syncfusion, Ignite UI, DevExtreme, SCSS/SASS, LESS, Tailwind CSS, responsive and touch-first UI

Testing & Delivery: Jasmine, Karma, Jest, React Testing Library, Webpack, Babel, Vite, GitHub/GitLab, Agile/Scrum, CI/CD

PROJECT

Full-Stack User Management Demo | Angular, NestJS, Drizzle ORM, SQLite, Nx

- Built a full-stack user management application with REST APIs, DTO validation, Swagger/OpenAPI, filtering, pagination, and shared TypeScript types.
- Implemented JWT access/refresh authentication and backend-enforced RBAC for admin and read-only users.
- GitHub: github.com/IgorZivkovic/fullstack-user-management

EARLIER EXPERIENCE

Freelance Graphic Designer | 2014 – 2018 · Custom visual design projects for Freelancer and Upwork clients

Banking & Finance Roles | 2002 – 2016 · Bank teller, data entry, and back-office finance responsibilities

EDUCATION

IT Sector Prequalification Program – Java Programming

Apr 2017 – Aug 2017

NiCAT - Niš Cluster of Advanced Technologies

LANGUAGES

English (Proficient) · **Serbian** (Native)