Summary

Senior Full Stack Software Engineer with 15+ years of experience building high-performance, scalable web applications. Specialized in React, Next.js, Angular, TypeScript, and Node.js with strong expertise in SSR, streaming, cloud architecture, and modern frontend development. Experienced delivering complete end-to-end solutions—architecture, backend, frontend, DevOps, and performance. Proven ability to work independently and within cross-functional teams to deliver production-ready products at scale.

Skills

Frontend
- React, Next.js (SSR, Streaming, RSC), React Compiler, TypeScript, JavaScript (ES6+)
- State Management: Redux, Zustand, Context API, nuqs (URL state)
- UI: Tailwind CSS, CSS Modules, Sass/SCSS, shadcn/ui, Radix UI, Headless UI
- Angular, RxJS, Angular Material
- Accessibility (A11y), Responsive & Cross-Browser Design

Backend & Databases
- Node.js, Bun, REST API development
- PostgreSQL, Drizzle ORM, Prisma
- WebSockets, WebRTC, Real-Time Data

Architecture & DevOps
- Application Architecture, API Design, Caching Strategies
- Performance Optimization, Core Web Vitals
- Authentication & Authorization (NextAuth, JWT, BetterAuth)
- Cloudflare, AWS (S3/R2), Vercel, VPS Hosting
- Docker (basics), CI/CD, Monitoring & Logging

Testing & Quality
- Jest, Vitest, Playwright, Cypress
- Unit, Integration & E2E Testing
- ESLint, Prettier, Type Safety, Code Quality

Collaboration
- Agile/Scrum, Sprint Planning, Documentation
- Code Reviews, Mentoring, Technical Leadership

Education

Bachelor of Science in Computer Science and Engineering
National Aerospace University, Kharkiv, Ukraine
1998 – 2003

Languages

- English — Full Professional Proficiency
- Ukrainian — Native

Roman Manasyan
Senior Software Engineer · Next.js / React / TypeScript

Ukraine · Remote
rmanasyan@gmail.com
linkedin.com/in/rmanasyan

Experience

Senior Full Stack Software Engineer (Independent) — 2023 - Present

Architected and delivered multiple full-stack SaaS applications using Next.js, React, TypeScript, PostgreSQL, and Cloudflare/VPS infrastructure.

- Designed complete application architectures: SSR, streaming, caching, file storage, CI/CD
- Built scalable backend services and APIs using Node.js and cloud/serverless patterns
- Implemented multi-provider authentication (NextAuth, OAuth, JWT, magic links)
- Integrated cloud storage (Cloudflare R2 / AWS S3) with optimized CDN delivery
- Designed relational database schemas with PostgreSQL + Drizzle ORM
- Built modern UI component systems using shadcn/ui, Radix, and Tailwind CSS
- Implemented subscription billing flows and payment systems
- Delivered multilingual applications using next-intl (routing, content, SEO)
- Created CMS-like admin experiences with AI-powered content enhancement
- Fully owned architecture, development, deployments, monitoring, and documentation

Senior Software Engineer — 2018 - 2023
NFON AG

Worked on Cloudya cloud PBX communication platform supporting voice, video, messaging, and CRM integration.

- Developed web, mobile, and desktop apps using Angular, Ionic, Electron
- Built complex features and modules for communication products
- Improved performance and reduced bundle size across critical UI flows
- Integrated external CRM systems and third-party services
- Participated in architectural discussions and system design decisions
- Contributed to E2E and unit testing and conducted regular code reviews
- Collaborated with cross-functional teams across engineering, product, and QA

Senior Web Developer — 2015 - 2018
Age of Learning

Contributed to ABCmouse and Global Schools educational platforms.

- Developed tools for teachers and administrators
- Maintained and extended large-scale production applications
- Improved load times and overall application performance
- Built responsive, accessible UIs in collaboration with UX teams
- Technologies included PHP, HTML5, CSS, JavaScript, AngularJS
- Supported products used by millions of students worldwide

Senior Frontend Developer — 2014 - 2015
EPAM Systems

Worked on the Adidas Corporate Marketing Portal.

- Developed UI features with Backbone, Marionette, jQuery, RequireJS
- Built responsive interfaces and reusable modules
- Collaborated with global teams using Agile methodologies

Senior Web Developer — 2007 - 2014
Holbi

Developed e-commerce systems and CMS platforms.

- Full-stack development using PHP, Symfony2, ZF, JavaScript, jQuery
- Delivered custom solutions for clients across the UK and EU
- Collaborated with designers to create seamless user experiences
- Supported deployments and provided ongoing technical maintenance