

Nikola Bojanović

Senior Fullstack Engineer | React, Node.js, TypeScript

Belgrade, Serbia

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Senior Fullstack Engineer with 8+ years of experience architecting and scaling high-performance platforms (150k+ users). Specializing in frontend architecture, technical debt remediation, and AI-powered workflow automation.

Peer & Leadership Recognition

- "Nikola's ability to architect, build, and maintain complex web applications is truly remarkable." — **Ricky Ying, VP of Software Engineering @ ABC Trainerize**
- "Established the processes and procedures for the technical parts of recruitment, which are still in use today." — **Miloš Radovanović, Head of HR @ Kroon Studio**
- "Nikola is a rare talent... his innovative problem-solving skills have repeatedly helped our team overcome complex challenges with finesse and efficiency." — **Ryan Walmsley, Principal Software Developer @ ABC Trainerize**
- "Nikola is an exceptional talent with a proven track record of delivering robust software solutions while effectively conveying complex technical concepts to non-technical stakeholders." — **Žarko Milićević, Software Engineering Manager @ Kroon Studio**
- "One of the best technical feedback sessions I've received from a senior. Nikola's guidance was detailed, professional, and directly contributed to my growth." — **Candidate Feedback (via Jobberty/Internal)**

Professional Experience

Lead Software Engineer

Kroon Studio, Belgrade

March 2024 – Present

- Architected and delivered the end-to-end infrastructure for two production platforms serving 150k+ monthly users, ensuring high availability and sub-200ms API response times
- Led emergency incident response across the full stack (Browser, API, Database), identifying and fixing root-cause bottlenecks in high-traffic production environments
- Architected production-grade RAG (Retrieval-Augmented Generation) pipelines using OpenAI/LangChain, implementing semantic search and vector embeddings to automate complex data workflows, resulting in an 80% reduction in manual processing time
- Led technical recruitment for 100+ roles, establishing assessment protocols and mentoring programs that reduced hiring time by 50% while maintaining a 5.0/5.0 candidate experience rating
- Championed high standards for code quality and maintainability, conducting comprehensive code reviews and mentoring team members on best practices in React and TypeScript

Senior Software Engineer

Kroon Studio, Belgrade

Nov 2020 – Mar 2024

- Designed modular, reusable component libraries and monorepo architectures, reducing code duplication by 40% across SaaS and enterprise client projects
- Modernized CI/CD pipelines and automated testing suites, resulting in a 30% reduction in production regressions and faster release cycles

Software Engineer

TransPerfect, Kragujevac

May 2019 – Nov 2020

- Modernized and optimized legacy internal applications for global teams
- Improved performance of critical application modules, reducing response times and increasing system reliability

Software Engineer

Emisia Consulting, Kragujevac

Jun 2018 – May 2019

- Built and maintained production web applications using Ext and React
- Delivered features in Agile development environments across multiple release cycles

Technical Expertise

Frontend

React, TypeScript, Next.js, JavaScript (ES6+)

Web Performance Optimization (code splitting, caching, rendering optimization, virtualization)

Component Architecture, Design Systems, State Management

Backend

Node.js, Express, NestJS, REST APIs, GraphQL, WebSockets, Microservices

Authentication and Authorization (OAuth, JWT)

API Design, Caching (Redis), Third-Party Integrations

Architecture & Leadership

System Design, Microservices, Monorepos, Technical Recruitment, Mentorship, Code Auditing

Cloud & DevOps

AWS (EC2, S3, Lambda), Vercel, Docker, CI/CD Pipelines, GitHub Actions

Data & Storage

PostgreSQL, MySQL, MongoDB

AI & Automation

LLM API Integration, AI-powered Features, Prompt Engineering, Workflow Automation

Testing

Jest, React Testing Library, Unit Testing, Integration Testing

Languages

Serbian (Native), English (C1 - Advanced)