

Vasif Aliyev

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Senior Software Developer & Tech Lead with **5+ years** of experience building scalable, **high-performance web** and **mobile** applications using **React, Next.js, React Native, .NET (C#), and SQL**. I specialize in **clean architecture, modern UI**, and **production-ready** code, backed by a **strong** foundation in **math** and **problem-solving**. I actively contribute to **QA, performance optimization, security**, and **system architecture** across the stack.

I've **led frontend architecture** and end-to-end delivery of **job platforms, e-commerce systems**, and **automotive industry tools** from **UX/UI** collaboration to deployment. Known for building scalable **component libraries, mentoring developers**, and improving **engineering workflows**. Based in **Krakow** with a **valid work permit**, I'm looking to join a product-focused team where I can lead, build, and scale **impactful software**.

EXPERIENCE

SENIOR SOFTWARE DEVELOPER & PROJECT LEAD at INCORE, NJ, USA (Remote) *January 2024 – Present*

Lead frontend architecture and **full-stack development** using **React, Next.js, React Native, .NET (C#), and MSSQL**, delivering complex **web** and **mobile platforms** used by **real customers** in production. Key responsibilities include **feature development, system architecture, performance optimization, localization, QA leadership**, and **project ownership**. I owned delivery of a large-scale U.S. job-search platform and React Native mobile app in the automotive industry from architecture to deployment.

▪ Leadership & Collaboration

- **Led frontend** initiatives and **architecture decisions** for **large-scale platform** development.
- **Mentor** developers and promote **best practices** in **code quality, architecture, and testing**.
- Collaborate closely with **UI/UX** designers and product stakeholders to deliver performant, **user-friendly** experiences.
- Restructured **ClickUp** workflows and introduced **clear documentation, improving** team **collaboration** and **efficiency**.
- Participate in **Figma-based UI/UX** design reviews, ensuring **responsive design** and **modern user experience**.
- Drive **cross-team** alignment on **technical decisions** and **delivery standards**.
- Drive **project planning, technical direction**, and delivery for **key platform features**.

▪ Front-End Development & Architecture

- **Lead frontend** development of a major **job-search platform**.
- Refactored **authentication** system from **context/localStorage** to **cookie-based middleware**.
- Migrated **70%** of **client logic** to **server-side** to **reduce API calls** and **boost performance**.
- Designed and built a scalable **UI component library** using **React, Next.js App Router, Tailwind, ShadCN UI, Framer, and Radix UI**.
- **Architected** advanced **frontend optimization**: **lazy loading, code splitting, optimized state management, minimizing re-renders**.
- Integrated **live chat** using **SignalR** and **WebSocket** technologies.
- Implemented frontend **localization** using **i18next**, handling **4 languages** with **route-aware translations** and **dynamic** content updates.
- **Strong** expertise in **React, Next.js**, and **Tailwind CSS** with focus on **clean architecture, reusable components, and fast UI performance**.
- Proficient in **responsive design, dynamic routing, and server components** in **Next.js**.

▪ SQL & Back-End Development & Improvements

- **Refactored inefficient SQL table structures**; implemented **many-to-many relationships** (e.g. Product/Color/Size/Count).
- Introduced **soft-delete logic** across entities.
- Normalized **SQL data** using **dictionary-based architecture** and **relations**, created accessible **DictionaryType Enum**.
- Implemented **custom localized error handling**: **custom exceptions, proper status codes, translated messages**.
- Developed **optimized API endpoints** for a **4-language multilingual platform (AZ, EN, RU, PL)**.

▪ Mobile Development - React Native App (Solo Project)

- Sole developer delivering a **full-featured React Native mobile app** for the **automotive industry**.
- Designed **app architecture**, implemented **UI/UX**, handled **backend integration, testing, and deployment**.
- Delivered the project to production in **3 weeks**, as the only team member with **React Native** experience.
- Shipped **clean, maintainable** code with **minimal QA** issues.
- **Internal Tools – Custom Bug Reporter for QA usage**
 - Built **custom Bug Reporter** triggered by **shake gesture**; **auto-captures screenshot** and collects **metadata**.
 - **Automates** ticket creation via **Make.com**, integrating with **ClickUp** and **Slack**. Tool is **reusable** across other apps.
- **System Architecture & Performance Optimization**
 - Fixed inefficient API calls; reduced payloads to only necessary data, removed non-used libraries to boost load speed.
 - Added **FluentValidation, AutoMapper**, and centralized exception handling for consistent API responses and security.
 - Resolved backend **security vulnerabilities** and enforced **validation** best practices.
- **Quality & Testing**
 - Drive **QA alignment** across frontend and backend teams.
 - Identify and resolve architecture mismatches and potential blockers before release.
 - Use **Sentry, Storybook, Chromatic**, and browser dev tools to ensure high-quality user experience across devices.

SENIOR FULLSTACK DEVELOPER & PROJECT LEAD at Garant MMC, Baku, AZ *December 2020 – October 2023*

Led the design, development, and delivery of business-critical software systems in the automotive industry. Worked across the full stack — from scalable React frontends to secure .NET APIs and SQL optimization — delivering public platforms and internal tools used by both customers and company teams. Responsible for **system architecture, database design, API development, UI engineering, and technical leadership** across multiple products. Held responsible for designing, building, and maintaining mission-critical automotive platforms, serving both external users and internal company operations

- **Key Contributions & Responsibilities**
 - **Architected** and **launched Vinyoxla.az**, a **high-traffic** vehicle history platform integrating Carfax, AutoCheck, and VIN Decoder **External APIs**, delivering **real-time** reports and **secure payments** with **high uptime** and **multilingual support**.
 - Built robust, secure APIs using **ASP.NET Core, Entity Framework, and MSSQL** for internal and external platforms.
 - Introduced **clean architecture** and modular patterns on both frontend and backend to ensure long-term maintainability, secured local **bank integrations** with **e-commerce applications**.
 - Acted as the **primary technical owner** across projects — making **architectural decisions, improving legacy systems, and coordinating delivery timelines**.
 - Provided **guidance** and **code quality** standards for junior developers on side projects and shared codebases.
- **Tech Leadership & Architecture**
 - Developed **fast, responsive, and reusable UIs** using **React, TypeScript, SCSS, and Next.js** for **SEO** and performance.
 - Owned system-wide architectural decisions — introducing modular backend services and scalable UI strategies.
 - Built **component libraries** and **design systems** to maintain **UI consistency** across internal and public **platforms**.
 - Implemented **localization (AZ, EN, RU)** and **optimized client performance** using **SSR, lazy loading, and code splitting**.
 - Created real-time dashboards and admin tools with **REST + WebSocket** data flows
- **Systems Built & Owned**
 - Vinyoxla.az — public vehicle history system, Vehicle Verification & Management Tools, Internal Fleet Dashboard & Warehouse System, Admin Reporting & Monitoring Panels, Banking-integrated payment modules

FULLSTACK WEB & MOBILE DEVELOPER on Freelance, Remote *February 2021 – December 2023*

Delivered full-stack web solutions for **e-commerce, automotive, and enterprise clients**, focusing on **SEO, performance, and multilingual support**.

- **E-Commerce & Business Solutions**
 - Built a high-traffic catalog website for **Ceramic City** (ceramiccity.az), **boosting** sales through **SEO**, optimized **sorting**, and **multi-language** support. Has own **Admin Panel** and email sending system.
- **Automotive Platforms & Secure Transactions**
 - Developed a vehicle verification platform, integrating **Carfax, AutoCheck, VIN Decoder** and other automotive **APIs**.
 - Worked with **React & .NET**, supporting secure transactions and a referral program.

- Localized in **3 languages**, used **Repository Pattern & Unit Of Work & Fluent Validation**.
- **Enterprise & Portfolio Projects**
 - Developed the Manual Risk Handling Tool for **BP AGT REGION**, improving workplace safety assessments.

EDUCATION

Master's Degree - Business and Finance Management

October 2023 – October 2025

- *Jagiellonian University in Krakow*

Bachelor's Degree – Computer Science

September 2019 – July 2023

- *Azerbaijan State University of Economics*

Associate degree - Software Development

January 2022 - July 2022

- *Code Academy – accredited private institution in Azerbaijan*

LANGUAGES

English, Russian, Azerbaijani, Turkish, Polish (currently learning)

CERTIFICATES

Code Academy - Software Development | Hacker Rank - CSS, SQL, C#, React, Problem Solving, REST API | TOEFL IBT (103) | NAWA Scholarship Recipient (2023–2025)

SKILLS & TECHNOLOGIES

▪ Frontend Development:

React, Next.js, React Native, Redux Toolkit, Zustand, Context API, Immer, Tailwind CSS, SCSS, SASS, Styled Components, Flowbite, ShadCN, Radix UI, Framer Motion, Vite, Webpack, Input Optimization (Debounce/Throttle), Responsive Design, Mobile-First Development, Server-Side Rendering (SSR), Static Site Generation (SSG), Lazy Loading, Code Splitting, RTL Support, Accessibility, Cross-Browser Compatibility, React Hook Form, React Query, Tanstack, Headless UI, Next.js App Router, Custom Hooks, Server Components, Component Composition

▪ Mobile Development:

Expo, Expo Router, React Navigation, ImagePicker, Push Notifications, Architectural Improvements

▪ Backend Development:

.NET, ASP.NET Core, .NET MVC, Web API, Entity Framework, MSSQL, MySQL, MongoDB, LINQ, AutoMapper, Fluent Validation, Repository Pattern, UnitOfWork, N-Tier Architecture, Secure Transactions, Custom Exceptions, Data Encryption, RESTful APIs, Swagger, Authentication & Authorization, SignalR, Rate Limiting, Throttling, Multi-Tenancy Architecture, Database Normalization, Monolithic & Microservices Architecture, Microservices, CQRS, Caching MemoryCache, Redis, DistributedCache, Swagger Filters, Health Checks

▪ Localization & Internationalization:

Localization (i18n), i18next, .resx Localization Files, Multilingual Support, Right-to-Left (RTL) Support

▪ API & Integration:

Axios, Fetch API, Zod Validation, Cookies, LocalStorage, Middleware, Carfax API, AutoCheck API, VIN Decoder API, Banking APIs, API Security, Caching Strategies

▪ Security:

JWT, OAuth2, Role-based Access Control (RBAC), CORS, Rate Limiting, Data Protection APIs, XSS/CSRF Mitigation, OWASP

▪ Testing & QA:

Jest, React Testing Library, Storybook, Chromatic, Automated UI Testing, Unit Testing, Manual QA, DevTools, Sentry, Postman

▪ DevOps & Infrastructure:

CI/CD, GitHub Actions, Docker, Kubernetes, Terraform, Azure, AWS, Vercel, NLog, IIS, SSL Encryption, Memory Caching, Make.com, Google Analytics

▪ Design & Collaboration & Workflow:

Figma, User Stories, Cross-functional Collaboration, Agile, Scrum, Sprint Planning, ClickUp, Jira, EverHour, Slack