

Ravan Zakaryali

Senior Software Engineer

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Experience

Drigo (Remote – Dubai, UAE)

Co-Founder & Software Engineer | Jan 2026 – Present

- Lead the entire engineering function of a car rental platform operating in Dubai, owning architecture, technical decisions and delivery end-to-end
- Designed and built the core .NET backend from the ground up using Clean Architecture and CQRS, covering domains such as rentals, payments, fines and customer debt management
- Built a microservice ecosystem around the core API: a real-time GPS telematics service ingesting Teltonika device data (TCP/Code8) with Redis and Elasticsearch, plus Python-based services for vehicle damage detection and document scanning
- Integrated third-party providers including payment gateways and Dubai RTA's TARS system for rental contract registration
- Built and maintained the admin panel (React), the mobile app APIs (React Native/Expo client) and push notification & reporting features
- Own production operations — releases, server management, monitoring and incident resolution — and, as co-founder, drive product decisions with the Dubai-based founding team

Iktex LLC

Software Engineer | Sep 2025 – Feb 2026

- Developed and maintained enterprise applications built on .NET Framework
- Extended and refactored existing legacy modules, improving stability and maintainability
- Designed and implemented RESTful APIs and integrated them with frontend applications
- Collaborated with the team on architecture decisions and code reviews

State Customs Committee of Azerbaijan

Software Developer | May 2025 – Sep 2025

- Developed and maintained backend services using .NET, building internal systems for customs operations and administrative workflows
- Worked on the initial setup and architecture of frontend components using React.js, ensuring proper integration with backend APIs
- Designed and implemented RESTful APIs with PostgreSQL to support modules such as User Management and Reporting
- Integrated Keycloak for authentication and authorization across internal services
- Utilized RabbitMQ to enable asynchronous communication between distributed services

Code Academy

Backend Developer | Sep 2023 – May 2025

- Developed and maintained internal modules using .NET and SQL Server, including Leave Requests, Attendance tracking, and Reporting tools
- Designed and implemented a custom Education Management System from scratch to support academic and administrative processes
- Built and integrated system features such as MRP (Material Requirements Planning), student attendance monitoring, permissions management, and leave request workflows
- Worked with .NET Aspire to develop scalable, modular backend services with PostgreSQL and Redis integration

Software Programming Instructor | Mar 2023 – Sep 2023

- Conducted .NET programming training at Baku State University as part of the CFF (Coding for Future) initiative
- Delivered hands-on lessons covering key .NET development topics such as OOP, database integration, and backend architecture
- Supported university students in building practical coding skills through real-world exercises and projects

Teacher Assistant / Mentor | Mar 2022 – Mar 2023

- Mentored students in full-stack web development, providing guidance on both frontend and backend technologies

- Assisted instructors during React Native courses by supporting students with hands-on tasks, troubleshooting code issues, and reinforcing key concepts
- Helped learners build real-world projects, reviewed assignments, and provided one-on-one feedback to ensure steady progress

Kanda Software (Remote – USA)

Full-Stack Developer | Nov 2024 – Apr 2025

- Worked on a fuel management system for global airports, contributing to both frontend and backend development
- Utilized .NET and .NET MAUI to build cross-platform applications for managing aviation fuel sales
- Collaborated with a distributed team in an Agile environment to deliver scalable and reliable software solutions

Nevera Tech (Remote – Turkey)

Software Developer (Part-time) | Feb 2023 – Aug 2024

- Developed and maintained web and mobile applications using React, React Native, and Node.js
- Built responsive user interfaces, implemented RESTful APIs, and contributed to end-to-end feature delivery
- Collaborated with cross-functional teams to design scalable architectures and improve application performance
- Participated in code reviews, testing, and continuous integration processes to ensure code quality and reliability

Education

Azerbaijan Technical University

Bachelor's degree, Information Technology — GPA: 95.2/100 | Sep 2019 – Jun 2023

Code Academy

Software Development (High Honor) | Oct 2021 – Jan 2022

Skills

Backend: C#, .NET, .NET Framework, ASP.NET Core, Entity Framework Core, LINQ, .NET Aspire, .NET MAUI, Node.js, RESTful APIs, RabbitMQ, Keycloak

Architecture: Clean Architecture, CQRS, Domain-Driven Design, Microservices, Event-driven & distributed systems, API design

Frontend: React.js, React Native, TypeScript, JavaScript, Next.js, Material UI

Databases & Cloud: PostgreSQL, SQL Server, MongoDB, Redis, Elasticsearch, Firebase, Azure, Docker

Practices: Git, CI/CD, code review, technical mentoring, Agile/Scrum, Jira

Languages

Azerbaijani: Native · English: Intermediate