

Naser Rouhi

Senior Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer with **8+ years** building and scaling web applications in **.NET, C#, and ReactJS**. I focus on Clean Architecture, microservices, and CQRS/DDD, backed by test-driven development, and I have a consistent record of optimizing databases and high-throughput APIs across finance, aviation, and healthcare. Across globally distributed remote teams I deliver measurable impact, from **70% faster reporting** to **40% revenue growth** after launch.

TECHNICAL SKILLS

Languages	C#, JavaScript, TypeScript, SQL, HTML, CSS
Back-End	.NET / ASP.NET Core, Entity Framework Core, LINQ, REST APIs, SignalR, Blazor, ELSA Workflow
Front-End	ReactJS, Razor, jQuery
Architecture & Design	Clean Architecture, Microservices, CQRS, DDD, SOLID, Design Patterns, OOP
Data & Messaging	SQL Server, PostgreSQL, MongoDB, Oracle, Elasticsearch, Redis, RabbitMQ, Kafka
DevOps & Cloud	Docker, CI/CD, Git, Azure, AWS, ELK Stack
Practices	TDD, BDD, Unit & Integration Testing, AI-assisted development, custom AI skill / tool authoring

PROFESSIONAL EXPERIENCE

Back-End Developer – Frontline Data Solutions Sep 2025 – Present
Texas, USA (Remote)

- Rewrote a legacy system into a **modular REST API architecture** for EHS Suite modules (MOC, ACT, LMS), improving scalability and reliability while accelerating development velocity and customer satisfaction.
- Designed and optimized high-performance queries and caching layers to support offline sync for the mobile app, ensuring fast, reliable data access under intermittent connectivity.
- Built observability tooling with the ELK stack, cutting average issue resolution time by **over 40%**.
- Collaborated with globally distributed teams to keep data integration secure and efficient across modules.

Senior Software Engineer – Alibaba Travels Co. Mar 2024 – Aug 2025
Tehran, Iran

- Developed Arobus (arobus.ir), a B2C bus-ticketing platform with an integrated back-office system, enabling end-to-end ticket sales and operational management.
- Architected the platform on **microservices and DDD**, keeping domain boundaries clean and maintainable.
- Helped grow the user base by **over 50%** and increase company revenue by **40%** after launch.

Full-Stack / Back-End Developer (Part-time) – Porter Airlines · Car Media · FreightNav Jul 2020 – Feb 2025
Ontario, Canada (Remote)

- Improved Porter Airlines' fuel-pricing and rebooking platforms, cutting query time by **70%** and automating manual workflows to reduce processing time by **60%**.
- Built scalable microservices and APIs for Car Media, reaching **99.9% data synchronization** and boosting vehicle-search speed by **80%** with **Elasticsearch**.
- Delivered real-time communication and shipment-tracking modules at FreightNav using **SignalR and Blazor**, improving coordination between shippers and carriers.
- Strengthened reliability with **RabbitMQ** and ELK observability, applying Clean Architecture and TDD across all three codebases.

Back-End Developer — Asa Co. (Agah Broker)

Jul 2021 – Feb 2024

Tehran, Iran

- Rebuilt legacy bookkeeping and LMS systems, redesigning the database schema to handle large-scale financial reporting with better performance.
- Applied **Clean Architecture, CQRS, and DDD** for maintainable, modular codebases.
- Built REST APIs and admin panels that supported a **30 to 40% increase** in user engagement after launch.
- Worked closely with cross-functional teams to improve data consistency and business-process automation.

Full-Stack / Back-End Developer — Geeks Ltd

Jul 2020 – Jun 2021

London, UK (Remote)

- Built patient-management and workflow-automation systems using **ELSA Workflow** and **.NET Core**.
- Implemented testing and orchestration modules that improved reliability and reduced deployment issues.
- Contributed frontend modules with Razor and jQuery to streamline internal processes.

Full-Stack / Back-End Developer — MyDigipay (Digikala Group)

Oct 2017 – Jun 2020

Tehran, Iran

- Developed core financial systems, improving processing speed and data accuracy across several products.
- Optimized SQL queries and restructured legacy code, reducing production error reports and API response times.
- Built centralized reporting services integrating **SQL Server, MongoDB, and Oracle** for real-time analytics.
- Collaborated with business teams to digitize internal tools, increasing operational efficiency and customer acquisition.

KEY PROJECTS

EHS Suite — Environmental, Health & Safety Management

[ehsqa1.fldata.com](#) · Sep 2025 – Present

Compliance platform for industrial clients: MOC, ACT and LMS modules with an offline-capable mobile app. **.NET, Redis, ELK.**

Arobus — B2C Bus Ticketing

[arobus.ir](#) · Mar 2024 – Aug 2025

Consumer platform selling tickets direct from providers, with an integrated back-office. **Microservices, DDD.**

Rebook Pump — Airline Rebooking & Fuel Management

Jul 2020 – Feb 2025

Modernized rebooking and fuel-pricing platforms with workflow automation. **.NET, RabbitMQ, ELK.**

Bookkeeping Platform

Jun 2022 – Feb 2024

Multi-company financial reporting rebuilt from legacy: new schema, query optimization, large datasets. **CQRS, Redis.**

Agah LMS — Financial Training Platform

[academy.agah.com](#) · Jul 2021 – May 2022

Back-end and admin panel for a brokerage's learning platform: courses, tracking, reporting. **DDD, TDD.**

EDUCATION

B.Sc. in Civil Engineering — Shahid Beheshti University

2013 – 2017

Tehran, Iran

Found a passion for software during academic programming courses, which led to a full career transition into tech.

LANGUAGES & AWARDS

Languages

English, Professional Working Proficiency • Persian, Native

Awards

4th Place, Regional Mathematics Olympiad, District 20, Tehran (2006 & 2007)