

# ARTEM YAROSHENKO

## SENIOR C# .NET | AZURE | ANGULAR

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Senior .NET Developer with **7+ years** of experience delivering scalable solutions for clients from the US and Europe. Specialized in designing scalable, high-performance solutions using **C#, .NET, Angular, and Azure**. Successfully led full-cycle development across **finance, IoT, enterprise SaaS, and workforce management domains**, collaborating with cross-functional teams to deliver high-quality results.

### SKILLS

- **Backend:** C#/.NET Core, ASP.NET, Entity Framework Core, Dapper, REST API, GraphQL, OAuth 2.0, JWT, RabbitMQ, Azure Service Bus, Azure EventHub, SignalR, WebSocket.
- **Frontend:** Angular (7, 11, 13), Razor Pages, HTML5, CSS3, Bootstrap, JavaScript/TypeScript.
- **Cloud:** Azure Cloud Services (App Services, Storage), Serverless Architecture (Azure Functions).
- **DevOps:** Azure DevOps, Terraform, Pulumi, CI/CD Pipelines, Docker, Kubernetes.
- **Databases:** SQL Databases (MSSQL, PostgreSQL, MySQL), NoSQL Database (Cosmos DB, Redis).

### PROFESSIONAL EXPERIENCE

#### Senior .NET Engineer (N-iX – United States Client, US)

May 2023 - Present

**Project:** Logistics system for tracking trucks and other vehicles, automating road tax calculations, and optimizing delivery routes across the US.

- Developed high-load web applications using **.NET Core, Azure, and microservices architecture**.
- Developed and secured **RESTful APIs** with **OAuth 2.0 and JWT**, enhancing user authentication reliability.
- Optimized **PostgreSQL** database for large-scale data, improving query performance by **40%**.
- Worked with **cross-functional teams** to ensure real-time data delivery and scalable architecture.
- Utilized **Azure Service Bus** to enable reliable and asynchronous communication between microservices.
- Configured **CI/CD pipelines** with **GitHub Actions, automating testing and deployments**, reducing release time by **50%**.
- Collaborated with a cross-functional **team of 25+ members**, including developers, QA engineers, UX/UI designers, and product managers, to deliver high-quality features and ensure alignment with business requirements.

#### Senior .NET Engineer (Sigma Software – European Client, EU)

Apr 2021 - May 2023

**Project:** Booking system for offices, cafes, and parking spots across Europe, enabling real-time reservations via a mobile app, with integration to Google Calendar and Microsoft Outlook for seamless event synchronization.

- Developed and maintained a cloud-based booking platform using **ASP.NET Core, Azure, and microservices architecture**, ensuring high scalability and availability.
- Designed and implemented a dynamic calendar UI using **Angular 13**, allowing users to view and manage bookings in real time.
- Integrated **Google Calendar API** and **Microsoft Outlook API** for event synchronization, enhancing user convenience and engagement.
- Led the implementation of a serverless solution with **Azure Functions**, cutting infrastructure costs by **20%**.
- **Worked closely with stakeholders** to gather requirements and translate business needs into technical solutions.
- Collaborated with a cross-functional team of **40+ members**, including developers, testers, designers, and product managers, to ensure seamless communication and alignment on project goals.

## Backend .NET Engineer (Endava – United States Client, US)

Jan 2019 - Apr 2021

**Project:** Developed a comprehensive platform for a US-based cleaning company, enabling users to book home and office cleaning services, process payments securely, and manage employee profiles, including payroll, vacation tracking, and sick leave management.

- Implemented a payroll system to **calculate salaries and sick leaves for employees**.
- Built a secure payment gateway integration with **Stripe API**, enabling seamless and secure processing of service fees.
- Integrated **CosmosDB** for scalable, globally distributed data storage, ensuring fast data access and replication across regions.
- Configured **CI/CD** pipelines with **Azure DevOps**, automating build, test, and deployment processes for faster feature releases.
- Integrated a **multi-tenant architecture** to support scalable data separation for multiple clients within the same application environment.
- Designed **GraphQL APIs** for efficient data retrieval for frontend applications.
- Collaborated with a cross-functional **team of 15+ developers**, QA engineers, and designers to deliver high-quality features and ensure alignment with business requirements.

## FullStack .NET/Angular Engineer (Reenbit – European Client, EU)

Jan 2018 - Jan 2019

**Project:** Developed a platform for a European insurance company, enabling customers to compare and choose tailored insurance policies for vehicles and properties.

- Built a monolithic insurance comparison platform using **ASP.NET MVC, Razor Pages, and Angular**, delivering a responsive, user-friendly interface with a scalable and high-performing system.
- Collaborated with a **team of 5 developers** to implement core business logic and deliver new features.
- Integrated **SignalR** to enable real-time updates for insurance quotes and policy changes, ensuring customers always have the most accurate and up-to-date information during the comparison process.

## EDUCATION

National Technical University "Kharkiv Polytechnic Institute"

Sep 2020 - Jun 2022

**Degree:** Master of Computer Applications (MCA), Computer Programming, Specific Applications

National Technical University "Kharkiv Polytechnic Institute"

Sep 2017 - Jun 2020

**Degree:** Bachelor's degree, Computer Engineering and Electronics

## ADDITIONAL SKILLS

- **Backend:** Hangfire, CQRS (MediatR), API Gateway, Monolith architecture, Domain Driven Design (DDD), Identity Server 4.
- **Frontend:** JQuery, Ajax, Progressive Web Applications (PWA), Blazor, React/Vue (Basic knowledge).
- **Cloud:** Application Insights, Key Vault, Container App, AWS (Basic knowledge).
- **DevOps:** YAML Pipelines, Monitoring & Logging (Azure Monitor, Log Analytics), IIS Express.
- **Testing & Automation:** Selenium WebDriver, Unit Testing (XUnit, NUnit).
- **Project Management and Collaboration:** Agile/Scrum & Kanban Methodologies, JIRA, Azure DevOps portal, Confluence.
- **Other:** High Availability Systems, Object Oriented Programming (OOP), SOLID, Disaster Recovery, Error Monitoring (Sentry), Swagger/OpenAPI, XML, JSON, yaml, English, AI, OpenAI API.
- **Developer tools:** VS Code, Visual Studio 2019/2022, Postman, Fiddler.