

# ILONA ZAIKA

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Web Developer with 6 years of experience designing, developing, and maintaining web applications using the Microsoft .NET stack. Proficient in .NET Core, ASP.NET, and Entity Framework, with extensive experience in front-end technologies such as Angular, React, and Redux, and foundational experience with server-side rendering (SSR) using Next.js. Skilled in managing SQL databases (MySQL, PostgreSQL) and leveraging Azure cloud services for scalable and reliable solutions. Certified in Microsoft Azure Fundamentals and adept at collaborating in Agile environments. Passionate about contributing to meaningful projects with like-minded, motivated teams. Open to connecting, sharing insights, and exploring exciting new opportunities to make a positive impact.

## WORK EXPERIENCE

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Global Logic, Ukraine

1/2020 – 9/2023 – Maternity leave

### Software Engineer

- Delivered scalable features for a large healthcare project using **.NET Core** and **React**, ensuring high performance and reliability.
- **Implemented component-based architecture** using private packages with **Verdaccio**, enhancing reusability and consistency across the project.
- Leveraged **Azure Cloud Services** (Azure Functions, App Services, and Storage) to optimize application scalability and uptime.
- Collaborated in **Agile teams**, presenting technical updates and demos to stakeholders, fostering transparency and alignment.
- **Mentored and onboarded 3 developers** (2 junior, 1 mid-level), all of whom successfully transitioned into the team after probation.
- Streamlined onboarding by creating clear, concise documentation and workflows, reducing ramp-up time for new hires.

BullsEye Telecom, USA (remote part-time)

4/2019 – 1/2020

### Software Engineer

- Delivered critical hotfixes post-application migration to ensure stability and performance.
- Enhanced technical documentation

TEAM International, Ukraine

1/2019 – 1/2020

### Web Developer

- Enhanced application performance with robust caching strategies and streamlined APIs.
- Migrated a WPF application to a web-based platform using Angular with extensive test coverage.
- Developed an offline-capable PWA using Redis and state-saving mechanisms for seamless user experience.
- Utilized SignalR for real-time updates, ensuring data consistency during connectivity changes.
- Boosted data flow efficiency through event-driven logic using RabbitMQ.

IT Craft, Ukraine

3/2018 – 1/2019

### Junior .NET Developer

- Designed and optimized RESTful APIs for client-server communication.
- Implemented real-time notifications with SignalR, enhancing user engagement.
- Achieved 80% code coverage through thorough testing using xUnit.

## EDUCATION

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National Aerospace University "Kharkiv Aviation Institute", Kharkiv, Ukraine  
**Master, Software Engineering** (2018 – 2020)  
**Bachelor, Software Engineering** (2014 – 2018)

2014 – 2020

## SKILLS

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**Languages & Frameworks:** C#, JavaScript (ES6+), TypeScript, React, Redux, Angular, Next.js, .NET Core, ASP.NET, Entity Framework, LINQ  
**Back-End Development:** RESTful APIs, Microservices Architecture, SignalR  
**Cloud Services:** Azure (Functions, App Services, Storage), AWS (S3)  
**Data Storage:** SQL Server, MySQL, PostgreSQL, Redis  
**Tools:** RabbitMQ, Docker, xUnit, Verdaccio  
**Development Methodologies:** Agile, Scrum

## ACHIEVEMENTS

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### 1st Place – "Programmer 2018" Competition

2018

Borys Kolesnikov Fund

- Awarded first place in the national competition for developing a project to assist blind individuals in using public city transport.
- Earned a trip to the **CEATEC Conference Japan 2018**.

### Best Paper Award – 25th International Conference on Nuclear Engineering (ICONE25)

2017

American Society of Mechanical Engineers (ASME), Japan Society of Mechanical Engineers (JSME), Chinese Nuclear Society (CNS)

- Won the best paper award for research on **cybersecurity in nuclear power plants**.
- Presented the paper at **ICONE25** in Shanghai, China, July 2017.

### 1st Place – NASA Space Apps Challenge (National Stage)

2017

NASA

- Won the national stage of the **NASA Space Apps Challenge** with a project focused on innovations in fire-fighting technology.
- Developed a prototype of a fire detection system.