

Illia Khamza

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SUMMARY

Aspired and motivated software engineer with strong object-orientated skills, a master's in computer science, and experience working on several diverse applications who enjoys taking on complex issues and designing elegant solutions. Looking for an opportunity to apply hard-earned skills and grow professionally.

EXPERIENCE

Senior Full Stack Software Engineer, Onalytica, October 2022-Current

London, UK

C#, .NET 6, .NET Framework, ASP.NET Core, ASP.NET Core web API 3, Entity Framework, Insight ORM, TypeScript, JavaScript, Angular, NgRx, AngularJS, T-SQL, MS SQL Server, AWS, EC2, S3, ECS, Kubernetes, CloudWatch, CloudFormation, Elasticsearch, DynamoDB, Serverless, OOP, TDD, XUnit, Jasmine, Moq, VS Code, Windows 11, Git.

- Onalytica is a UK-based company specializing in B2B Influencer marketing, serving large enterprise clients, and operating multiple SaaS platforms.
- I worked in a small team of 5 engineers alongside the CTO, following a **Kanban** methodology. My responsibilities included maintaining and enhancing multiple **AWS** cloud-hosted web applications and an extensive data processing infrastructure, which processes over a million social media posts per month.
- I was tasked with taking ownership and successfully implementing multiple significant distributed features using **.NET 6**, **OpenSearch**, **Angular**, and **NgRx**. Additionally, I ensured code quality by covering the source code with unit tests using **XUnit** and **Jasmine**.
- I collaborated with other engineers and stakeholders on feature design, refactoring, estimation, and planning.
- Build **CI/CD** pipelines for multiple services in AWS, orchestrating **Elastic Container Service (ECS)** and **Elastic Kubernetes Service (EKS)**.

Full Stack Software Engineer, EPAM Systems, January 2022-October 2022

Kyiv, Ukraine

C#, ASP.NET Core, ASP.NET Core web API 3, JavaScript, React JS, T-SQL, MS SQL Server, Entity Framework, OOP, TDD, XUnit, Moq, Azure, Azure Functions, Azure Service Bus, Visual Studio, Mac OS, Git.

- EPAM Systems is a large company specializing in on-demand software development. I was assigned to a valuable account, effectively working as a member of the account's team.
- Our team was responsible for maintaining and enhancing a distributed financial web application built with **.NET Core** and **ReactJS**, serving over 100,000 monthly users. We worked in a team of 7, alongside the project lead, within an **agile** environment.
- My responsibilities included ensuring the steady operation of the system, bug fixing, and supporting system admins in complex financial operations. Additionally, I participated in **level 3 technical support** duties.
- I implemented multiple external API integrations with different agencies, collaborating closely with technical representatives from those agencies, ensuring data security and robust system operation.

Full Stack Software Engineer, Nix Solutions, September 2020-January 2022

Kharkiv, Ukraine

C#, ASP.NET, Identity Server 4, JavaScript, React JS, T-SQL, MS SQL Server, gRPC, Visual Studio, Windows 10, Git.

- Nix Solutions is a large company specializing in on-demand software development. I worked on a major account specializing in **Robotic Process Automation**.
- I was part of a diverse team of 10 people, which included ML engineers, dedicated front-end developers, QA specialists, DevOps specialists, and a product owner. We worked under the **SCRUM** methodology.
- Our team's primary responsibility was to develop a large application capable of tracking user activity and reproducing it automatically. My role involved working with the **.NET Framework** to develop an application that could register user activity and transmit it using **event-based programming** paradigms and **gRPC**.
- I developed a custom action hooks library using **WinAPI**, which was utilized within the project. I also designed a caching mechanism that significantly sped up the application and improved its responsiveness to user input.
- Was responsible for mentoring junior engineers within the team.

Junior Software Engineer, Nicetec GmbH, May 2019-August 2020

Osnabruck, Germany

C#, WinForms, DevExpress, SOAP, T-SQL, MS SQL Server, Visual Studio, Java, Windows 10

- Nicetec GmbH is a small company specializing in on-demand software development. During my time there, I contributed to the development of several large commercial applications.
- I worked in a team of 6 alongside senior engineers, where I implemented new features for desktop applications using **WinForms**, **DevExpress**, and **T-SQL**.
- I integrated web services using **SOAP**, designed **T-SQL** queries to extract data from the database, and later used that data to build reports.

EDUCATION

Kharkiv National Automobiles and Highways University, Faculty of Informatics, 2016-2021

Kharkiv, Ukraine

- **Master's degree** in the study field: **Computer science**. Graduated with honours in December 2021
- Diploma thesis: Computer Vision Vehicle Speed Measuring System.

GIZ, Internship programme of German business for Ukraine, February 2019-May 2019

Osnabruck, Germany

- Won a scholarship and partaken in the workplace internship

SKILLS

- ASP.NET, .NET Core, .NET Framework, WebAPI 2, Windows Forms, C#
- SQL Server, PostgreSQL, T-SQL
- React, Redux, Angular, NgRx, JavaScript, TypeScript
- OOP, TDD, SOLID, DDD, microservice architecture, Restful APIs
- AWS, S3, EC2, Fargate, CloudWatch, Lambda, Elasticsearch
- CI/CD, Teamcity, GitHub Actions