TARAS SEREDOKHA

SOFTWARE ARCHITECT/ TECH LEAD

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PROFESSIONAL OVERVIEW

Aspiring Lead/Architect Software Developer with a solid foundation in C# programming and a passion for creating impactful solutions. Proficient in cloud technologies, particularly Azure and GCP, with firsthand experience in building secure, scalable, and resilient cloud-native solutions. Demonstrated exceptional leadership skills, guiding development teams and fostering a collaborative environment. Managed small and medium development teams (up to 12 people). You can find my detailed CV at https://**devtaras.guru**

WORK EXPERIENCE

Software Architect

NDA (Online School Platform), USA | Mar 2023- Present

- Design and Implement Architectural Solutions: Develop and support comprehensive software architecture solutions, ensuring alignment with business goals and scalability requirements.
- Lead and Mentor Development Teams: Provide technical leadership and mentorship to development teams, fostering a culture of best practices and continuous improvement.
- Improve Performance and Reliability: Architect and implement robust, scalable, and resilient systems, focusing on performance optimization and reliability.
- Integrate Modern Technologies: Use and integrate modern technologies such as .NET 8, Azure, Kubernetes, and microservices architecture to enhance application functionality.
- Ensure Security and Compliance: Oversee the implementation of security measures and compliance standards, including Single Sign-On (SSO) and access management systems.

Consultant, Tech Lead

Freelance | Nov 2022 – Feb 2024

- Short-term contracts on various small and medium size projects. Consulting for distributed system design on Azure.
- Design and implementing complex solution for online university onboarding (.NET, Blazor, Azure Functions, ServiceBus, Cosmos DB) Consultations on hybrid GCP to Azure solution migration. Consultations about DevOps processes: Azure DevOps process and migration to IaaS.
- Designing and implementing a platform for online food delivery ordering.

EDUCATION

Master's degree
Computer Science
Lviv Polytechnic National University
2016

Bachelor's degree
Computer Science
Lviv Polytechnic National University

LANGUAGES

English – C1
Ukrainian - Native

CERTIFICATIONS

Google Cloud Architect
Google
since 2024 (active)

Azure Architect Expert
Azure Developer Associate
Microsoft
since 2021 (active)

EXPERTISE

Design Architectural Solutions
Lead Development Team
Improve Performance
Security and compliance
Consulting
DevOps

WORK EXPERIENCE

Software Architect

Kissterra, Israel | Jun 2022 – Oct 2022

- Kissterra is an Israeli Insurtech company dedicated to transforming how insurance carriers handle marketing.
- As a Senior Developer, I worked with technologies like <u>C#, .NET Core, ELK (Elasticsearch, Logstash, Kibana), Redis, MongoDB, RabbitMQ</u>, and more.
- My primary role involved developing essential features, focusing on building strong, scalable, and reliable production components.
- In this fast-paced setting, I collaborated closely with the product team and was part of an integrated development group.
- I oversaw projects from design to production, working within a Big Data framework.
- Adhering to clean-code principles, I received immediate feedback to ensure high code quality.
- My code was swiftly deployed into market products with minimal delays.

Senior Software Engineer

Ciklum | Jun 2021 – Jun 2022

- As a senior developer, I contributed to building a system based on Azure Service Fabric microservices architecture.
- The system integrated with Microsoft 365, providing users with productivity and collaboration tools.
- Using <u>SQL, .NET Core, Service Bus, Logic Apps, and Traffic Manager</u>, I developed and managed microservices that eased data flow and communication between the system and Microsoft 365.
- By using the scalability and resilience of <u>Azure Service Fabric</u>, I ensured a highly available and fault-tolerant system capable of handling varying workloads while maintaining performance.
- During the development process, I provided technical leadership and collaborated with cross-functional teams to implement best practices in microservices design and development.
- This role proved my ability to integrate with Microsoft 365 and design a microservices architecture using Azure's services.

Lead Software Engineer

Eleks | Aug 2020 - Sep 2021

- Developed a system for Denmark's online supermarket Nemlig on the <u>Sitecore</u> platform.
- Extended Sitecore's capabilities and created new microservices.
- Focused on integrating a secure payment solution.
- Utilized <u>.NET, .NET Core, SQL, JavaScript, Angular, and</u> Docker to improve website performance and user experience.
- Served as the technical lead, guided developers, and fostered collaboration for successful project delivery.
- Highlighted skills in Sitecore, <u>microservices</u>, and seamless integration with external systems.

WORK EXPERIENCE

Lead Software Engineer

N-iX for Nexford University | Nov 2019 – Aug 2022

- Designed and developed a microservice system for an online university using .NET Core and React as the lead developer.
- Utilized Azure Functions for scalable microservices, integrated with Azure SQL and Cosmos DB for the backend.
- Implemented Azure Service Bus for message-based communication.
- Built a responsive user interface with React on the frontend.
- Collaborated with cross-functional teams.
- Mentored developers.
- Demonstrated ability in designing microservice-based systems using modern technologies.

Senior Software Engineer

N-iX for Orbus Software | Jun 2017 – Nov 2019

- Supported and developed an external web application for Orbus' marketing team.
  - Tech stack: .NET, .NET Core, ASP.NET, and Identity Server for secure authentication
- Focused on developing microservices integrated with Zendesk and Salesforce APIs
  - Enhanced data exchange and customer experience
- Utilized Azure services to ensure scalability and high availability.
  - Web Apps
  - Traffic Manager
  - Azure SQL
  - Azure Blob Storage
  - Service Fabric
  - Logic Apps
- Provided technical leadership.
  - Delivered high-quality solutions aligned with industry best practices.

Software Engineer

SoftServe | Oct 2015 – Sep 2018

Developed and supported an internal IT Service Management (ITSM) solution. Led frontend development using AngularJS for a user-friendly interface. Utilized C#, .NET, ASP.NET MVC and SQL to implement robust functionalities with a focus on application security. Managed SQL tech stack, ensuring efficient databases with data integrity and best performance. Collaborated in Visual Studio environment, working with cross-functional teams to deliver a high-quality ITSM solution, boosting operational efficiency.

.NET Developer

Qualified Consulting | Feb 2013 - Oct 2015

Worked on small and medium-sized projects, handling both maintenance and development from scratch. Primarily focused on web applications, while also contributing to desktop application development. Proficient in C#, .NET, ASP.NET, WPF, XAML, and SQL Server, using them to deliver high-quality and efficient solutions. Utilized SQL tech stack to design and manage databases, ensuring data integrity and best performance. Worked in Visual Studio as the primary working environment, collaborating effectively with cross-functional teams.