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Summary

I am an experienced software engineer with 15+ years of expertise in creating complex, enterprise level software and services. My speciality lies in delivering high performant, well architected and easy to use backend services to be consumed by a variety of frontend clients. Main tools I've been using lately have been .NET Core and Azure Cloud, but the skills ones acquire in this industry are easily transferable to other languages and cloud providers. In my previous experience I had a chance to lead a team transforming a legacy on-premises bare-metal product into a cloud PaaS architecture.

I had a privilege of leading teams of engineers of different levels. Working as a guide and mentor for those at the beginning of their career, as a consultant and rubber duck for those with experience, while constantly learning something new from everyone.

Skills

Languages: C#, XAML, JavaScript, HTML, CSS, TSQL, PowerShell, Python, C/C++, VB.NET, TypeScript

Backend Stack: Azure (App Services, Azure Functions, Service Bus, Event Grid, Storage, Azure SQL, Application Insights), Docker, ASP.NET MVC/Web API, .NET Core, WCF, IdentityServer

Frontend Stack: WPF, WinForms, ASP.NET Web Forms, Angular, AJAX, Visual Studio Tools for Office

Databases: Microsoft SQL, Entity Framework, NoSQL

Tools/Frameworks: Visual Studio, Microsoft Blend, PRISM, Unity DI, DevExpress WinForms/WPF Suite, JetBrains profilers, Fiddler, NUnit/Moq/xUnit, CefSharp, WinDbg, Selenium, Postman

CI/CD/VCS: Azure Devops, Git, Subversion, TeamCity, CruiseControl.NET, NANT, Octopus Deploy, GitHub Enterprise

Experience

Microsoft (UK)

September 2022 – Present

Principal Software Engineering Manager

As part of Industry Solutions Engineering (ISE) organisation at Microsoft, I'm leading a team of highly skilled and motivated engineers who deliver value to Microsoft customers and help them do more with less.

Our role in ISE is to act as "training wheels", as teachers, as mentors to our customers and bring them on the journey of digital transformation. We come to a customer where they are in the process, we adapt our approach to their situation, but we also help them to get to the new level in all aspects of software engineering, be it agile practices, engineering fundamentals or most practical cloud usage.

This experience cannot be described by one common list of tech we use. Digital world nowadays is so vast and constantly changing, that each new engagement with our customers can be unlike the previous one. From building MLOps pipelines to support Data Science teams, to building backend services in Python for video analysis and image recognition, to setting up Data Warehouse system for data gathering, reporting and governance. We do all that in ISE and more. And, as a technical manager of the team, I participate closely throughout the whole project. Starting from the initial stages of brainstorming architecture, to code reviews and occasional pair programming, to finishing up the project with documentation and an occasional blog post.

And of course, this position is also about people. As a people manager at Microsoft, I follow our framework of Model, Coach, Care to deliver success through empowerment and accountability. Regular 1:1 meetings with team members, mentoring engineers at the start of their journey and coaching people to reach next level in their career.

NewDay (UK)

April 2020 – June 2022

Senior Manager, Lead Engineer

I've been hired by NewDay to fill the role of a technical lead in a newly formed team of API developers. After showing my skills and proving my expertise, within six months I've been promoted to a Senior Manager alongside the Tech Lead role. Since then I've been combining these two roles and supporting my team in delivering the best quality code possible.

As a Tech Lead, I work with Solution Architects to come up with system design for new projects we are planning to work on. I work with team's Product Owner and Business Analyst, to understand business requirements and translate them into technical specifications. I help out in keeping team's backlog groomed and healthy, stories written properly and agile ceremonies followed in the way that helps team succeed. I support developers on my team via sharing my expertise, pair programming and comprehensive pull request reviews. I also like to write code myself when I have time, writing code is still the main reason I do this job. At this position my main tech stack is around C#, Azure Functions, CosmosDB/MS SQL, event-driven services. But I am flexible and can apply my expertise within any stack required.

As an Engineering Manager, I help people on my team grow and advance in their careers. I support them with regular 1-2-1s, performance reviews and general chat whenever they need me. I try to maintain healthy atmosphere in the team and make sure that everyone is having a good time while delivering value to the company.

Invenias Limited (UK)

April 2012 – December 2019

Lead Software Engineer

As a Lead Engineer in the company, I had two teams under my supervision, reporting directly to the Head of Engineering.

The first team was originally assembled 3-4 years ago when I was tasked with the project of digital transformation of the legacy on-premises backend to a modern cloud-based PaaS architecture.

Under my supervision the team proceeded with a range of smaller project to achieve the end goal:

- Developing a RESTful API based on ASP.NET (.NET Framework originally, later .NET Core) for both internal utilisation as well as opening certain layers to our clients for consume
- Setting up platform infrastructure on Azure using all the latest DevOps automation tools (Azure Templates, Azure DevOps)

- Refactoring existing codebase to be better suited to a more distributed architecture in the cloud (utilizing messaging services like Azure Event Grid and Service Bus)
- Optimising DB and model layer to save resources/money on running in Azure SQL databases.

The project was a massive success that has established the architecture of Invenias Platform for many years into the future. As an example of immediate benefits of the project, we've moved the release cycle for our flagship desktop product from once every 4-6 months, to once every fortnight.

In my other role, I was leading a team of several developers responsible for the company's flagship desktop product. It is a complex enterprise level application written in WPF with tight integration into Office products. I was helping the team to realise the API layer in accessible and user-friendly UI, coordinate with other frontend teams (web and mobile) to ensure that UI/UX consistency is maintained and wrote a lot of the frontend functionality across all the teams myself.

The confirmation of my extensive and successful contribution to company's success came two years ago when Invenias was acquired (for an undisclosed amount of many dollars) by a much bigger competitor. The buyer recognised that it was easier to buy the company than to build a better product.

Memos Software (Czech Republic)

February 2008 – April 2012

Senior Software Engineer

I was working as an outsourcing software developer on a project for Invenias (see above). This position was the start of my work on this product. Later on, the company realised the value of having me as a full time inhouse engineer and invited to join the company proper.

EffectiveSoft (Belarus)

August 2007 – October 2007

Senior Web Developer

Itransition (Belarus)

October 2005 – June 2007

Web Developer

Education

Belarusian State University of Informatics and Radioelectronics

2003 – 2008

Masters, Computer Science

Accomplishments

70-511 TS: Windows Applications Development with Microsoft .NET Framework 4

70-513 TS: Windows Communication Foundation Development with Microsoft .NET Framework 4

Coursera.org – Machine Learning by Stanford University

Languages

Russian – native

English – proficient

Czech – basic

French – basic

Mandarin – basic