Szymon Pusz
Lead Software Engineer

https://puszsolutions.com

SKILLS

- Programming
  - Java Stack: Java 11, Spring Boot, JPA, REST, Azure ecosystem in Java, GraphQL (Kickstart), Hazelcast (standalone and embedded), Docker, Lombok, Vavr, TestContainers, JUnit, Git
  - Microsoft Stack: .NET Framework/.NET Core 3.x, ASP.NET MVC, WPF/Silverlight, WCF
- Azure cloud stack used:
  - Azure Kubernetes Service managed from Terraform
  - Azure KeyVault (in Java and C#)
  - Storage Account (for managing blobs and as a network share attached to kubernetes pods)
  - Azure AD B2B integration (Java)
  - Azure EventHub (Java and C#)
  - Azure AppInsights (Java)
  - Azure Functions (C#)
- Practical knowledge of Domain Driven Design including EventSourcing and CQRS using AxonFramework
- Solid Linux knowledge
- Database programming: MS SQL Server, PostgreSQL
- Messaging: Solace, Apache Kafka
- Test Driven Development in Java and MS World
- Conducting technical interviews
- Technologies used in the past: Android development, Ruby, JavaScript, HTML, Flex, Oracle database

CERTIFICATES

- 70-532: Developing Microsoft Azure Solutions
- Certified Scrum Master (Scrum Alliance)
- MCPD 70-518: Designing and Developing Windows Applications Using .NET Framework 4
- MCTS 70-516: Accessing Data with Microsoft .NET Framework 4
- MCTS 70-513: Windows Communication Foundation Development with .NET Framework 4
- MCTS 70-511: Windows Applications Development with Microsoft .NET Framework 4
- MCP 70-536: MS .NET Framework Application Development Foundation

EDUCATION

2003 – 2008 Technical University of Łódź
- MSc M.Eng. in Computer Science
- Emphasis: Computer Systems in Management and E-Commerce
- Master's thesis: "An attempt to unify internet and desktop applications"

WORK EXPERIENCE

June '2022 – now   First Derivative
- *Lead Software Engineer*

August '2010 – May '2022   GFT Poland (former Rule Financial), Łódź
- *Java Technical Lead* – one project for Tier 1 bank
  - Internal system for credit risk calculation
  - Responsibilities
    - Managing team of 4 developers
    - Hosting scrum ceremonies
    - Gathering and polishing requirements
    - Resolving team blockers

- ▪ Working as a lead developer
  - o Technologies used: Java 11, Kafka, RabbitMQ, MS SQL
- *Azure Engineer/Senior Java Developer* – one project for a real estate investment company
  - o External system for gathering broker's feedback about different assets around the world. Back-end is hosted on Azure AKS and front-end written in React Typescript. Key system function is to store and process big amount of data on the fly and store it in postgres. Integration with other systems is implemented using Azure Event Hub and lots of other Azure specific services.
  - o Responsibilities:
    - ▪ Designing new functionalities
    - ▪ Back-end implementation from the beginning
    - ▪ Hosting and performing Product Backlog Refinement sessions on behalf of project lead
  - o Technologies used: Lots of Azure specific services, Java 11
- *Senior .NET Developer/Senior Consultant* – one project for an Investment Fund company
  - o Integrating client specific infrastructure to 3rd party provider software called FundSphere. This project involved designing and writing scalable services in Azure Service Fabric.
  - o Technologies used: C#, MS SQL Server, Azure Service Fabric
- *Senior .NET Developer/Senior Consultant* - Three projects for Tier 1 bank.
  - o Product for trade booking and position management on equity derivatives.
    - ▪ Working with Singapore and London team on backend written in C#
    - ▪ Technologies used: C#, Silverlight, Solace, Oracle
  - o Cloud based product for Tax calculation in US jurisdiction
    - ▪ Working with Tel Aviv team on backend and frontend written in C#
    - ▪ Technologies used: C#, WPF, Gigaspaces XAP, Solace, Oracle
  - o Issue tracking and managing system
    - ▪ Working on backend and frontend as well
    - ▪ Technologies used: C#, WPF, Solace, MS SQL
  - o One project for an international exchange platform
    - ▪ The exchange platform was designed for massive scalability and 24x7 availability
    - ▪ Technologies used: C#, Silverlight, 29West, ActiveMQ, MS SQL Server

March '2008 – July '2010   Makolab SA, Łódź
- *.NET Software Developer* – creation of large distributed ERP system using MS .NET Technology, MS SQL Server 2008 and Adobe Flex.
  - o Head developer and designer of system backend written in C#
  - o Developer of user interface in Adobe Flex

April '2007 – October '2007   Makolab, M. i K. Sopek sp. jawna, Łódź
- *.NET Software Developer* – creation of large distributed ERP system using MS .NET Technology, MS SQL Server 2005 and classic ASP with AJAX

ADDITIONAL SKILLS

- Good written and spoken English
- Driving licence (since 2001)

HOBBY

- Programming
- Martial arts
- Gaming