

Oleksandr K.

Senior Full-Stack .NET Software Engineer

SUMMARY

- Full-stack web developer with more than 10 years of commercial experience.
- Built event-driven integrations using MS stack (APIM + Functions, Logic Apps + Functions) to substitute existing flows written with MuleSoft. 3 years with Azure Logic Apps and Functions; Service Bus, Azure Event Grid, Azure API Management. Was creating event handling and data transformation flows using Azure Logic Apps.
- Has worked on a wide range of projects, including financial remittance systems, medical appointment websites, and payment systems for electronic document exchange services.
- Has experience working with a range of technologies including ASP.NET Core, .NET Core, EF Core, TypeScript, Node.js, Microservices, Kafka, Azure, AWS, Angular, React, Vue.js, and WPF.
- Strong bug-fixing skills and experience with DevOps responsibilities.

TECHNICAL SKILLS

Main Technical Skills	.NET, React, Azure, Azure Logic Apps (3 yr.), Azure Cloud Functions (3 yr.)
Programming Languages	C#, JavaScript, TypeScript
.NET Platform	ADO.NET, ASP.NET, ASP.NET Core Framework, ASP WebForms, Azure, EF Core, Entity Framework, .NET, .NET Core, Razor Pages, WPF
JavaScript Frameworks	Angular, jQuery, Node.js, React, Vue.js
JavaScript Libraries and Tools	NgRx, RX.js, Vuetify
Databases & Management Systems / ORM	AWS Redshift, Cassandra, Microsoft SQL Server, MySQL, ScyllaDB
UI Frameworks, Libraries, and Browsers	Bootstrap, CSS, HTML5, jQuery
Cloud Platforms, Services & Computing	AWS, Azure
Amazon Web Services	AWS EB (Amazon Elastic Beanstalk), AWS EC2, AWS Redshift
Azure Cloud Services	Azure Cloud Functions (3 yr.), Azure DevOps, Azure Event Grid (3 yr.), Azure Gateway, Azure Logic Apps (3 yr.), Azure Service Bus (3 yr.), Microsoft Azure API (3 yr.)



Mail / Network Protocols / Data transfer	GRPC
Message/Queue/Task Brokers	Kafka
Virtualization, Containers and Orchestration	Kubernetes
Methodologies, Paradigms and Patterns	microservices architecture, MVC
SDK / API and Integrations	Microsoft Azure API (3 yr.), OpenTelemetry, PayPal API, Stripe
Deployment, CI/CD & Administration	Octopus Deploy
File Systems, Storage	Protobuf

WORK EXPERIENCE

Full-Stack Developer, NDA

Property Staff Allocation & Service Cost Management Platform

Description: Internal platform for managing workforce allocations for staff responsible for property maintenance and servicing. The system supports staff assignment planning, service cost calculation based on payroll data, and invoicing of property owners for maintenance services.

Responsibilities

- Managed staff allocations across serviced properties
- Calculated property servicing costs based on payroll data of assigned personnel
- Automated invoicing for property owners based on completed services and labor costs
- Supported batch payroll processing workflows
- Built internal dashboards and analytics using Power BI for operational and financial monitoring

Technologies: .NET Core, MS SQL, Azure Cloud, React, Azure Logic Apps, Azure Functions, Azure, Service Bus, Azure Event Grid, Azure API Management.

Sensors Management System

January 2025 - May 2025

Description: Developed a cloud-based system for real-time monitoring, configuration, and diagnostics of sensor devices. I was responsible for building backend services in ASP.NET Core for data ingestion and secure API handling, as well as developing a responsive Blazor-based UI for live sensor updates and control panels. The solution was hosted on Azure with built-in authentication and scalability features, while MS SQL Server handled structured data storage with performance-tuned queries. I also implemented automated CI/CD processes using Bitbucket Pipelines to support continuous testing and streamlined deployments. The



platform enhanced visibility and responsiveness to sensor events for both field technicians and system administrators.

Technologies: ASP.NET Core, React, Azure, MS SQL, Bitbucket Pipelines, Azure Logic Apps, Azure Functions, Azure, Service Bus, Azure Event Grid, Azure API Management.

Full-Stack Developer, Contacts Management System for Sage platform

October 2024 - December 2024

Description: This project involved building and maintaining a Contacts Management System tightly integrated with the Sage platform, aimed at streamlining business contact handling, communication tracking, and organizational relationship management. I was responsible for full-cycle development using ASP.NET MVC with Razor views, implementing business logic in MS SQL Server via stored procedures and views, and enhancing frontend interactivity using a legacy version of React. I also ensured seamless compatibility with Sage's API and data model, supported role-based access, and collaborated directly with stakeholders to deliver maintainable, high-performance features.

Technologies: ASP.NET MVC, MS SQL Server (Stored Procedures, Views), React (legacy)

Team Lead, Backend Developer, Office Management & Room Booking System

August 2024 - April 2025

Description: The project aimed to develop a robust and scalable platform for managing office spaces, room bookings, and related operations. The solution streamlined booking workflows, enabled efficient space utilization, and provided tools for both users and administrators. I was responsible for implementing backend services using .NET Core and Entity Framework (code-first with migrations), developing frontend components in React and TypeScript, and integrating Azure-based messaging via Topics and Queues. I actively collaborated with business analysts, QA teams, and product stakeholders to deliver a stable and production-ready system. Additional responsibilities included optimizing performance, refactoring legacy modules, and supporting both greenfield and brownfield development.

Technologies: .NET Core, Entity Framework 6/Core, ASP.NET MVC, EF Migrations, React, JavaScript/TypeScript, Redux, Azure App Service, Azure Function Apps, Azure Topics and Queues

Senior Backend Developer, CRM Solutions

July 2024 - August 2024

Description: The project involved delivering customized CRM solutions for European customers using Microsoft Dynamics 365 as the core platform. I contributed to the development of backend services with .NET Core and C#, worked on system integrations via WCF, and occasionally handled PHP-based legacy modules. I was responsible for implementing business logic, integrating CRM modules, deploying services to AWS (including EKS and Lambda), and managing infrastructure with Terraform. I also configured monitoring and logging solutions using Grafana. Active collaboration with distributed teams and consistent code quality through Git version control were key parts of the workflow.

Technologies: C#, .NET Core, ReactJS, Git, Microsoft Dynamics 365, AWS, EKS, Lambda, Terraform, Grafana



FullStack Developer, Financial System, AppyPay

October 2023 - July 2024

Description: This project focused on building web and mobile applications to enable online and in-person payments across Angola. AppyPay's products support a wide range of use cases, including e-commerce, subscriptions, retail, software platforms, and marketplaces. I was responsible for developing backend services and payment API integrations using .NET and WCF, implementing cross-platform functionality, and supporting frontend components in React. The development process involved close collaboration with business analysts, QA teams, and representatives from partner banks. As a result, we successfully launched a multi-bank payment gateway, positioning AppyPay as a pioneering payment service provider in the region.

Technologies: .NET, PHP, WCF, React, API, DevOps, Cross-platform development

Senior Developer, Warehouse System

July 2023 - October 2023

Responsibilities: This application was developed to help users design custom boxes and instantly calculate manufacturing costs based on visual and technical specifications. Users could adjust the appearance and properties of the product—such as dimensions, materials, and engraving—while the system dynamically displayed a graphical representation and recalculated the cost. I was responsible for defining the development strategy, planning sprints, and distributing tasks within the team. I implemented the backend logic for price calculation and database operations, built the graphical visualization tool, and actively participated in code reviews and bug fixing throughout the project lifecycle.

Tasks performed: Responsible for development strategy and task allocation, planning sprints, creating tools for graph display, working on all back-end logic like calculation or connection to database, etc. Bug fixing and code review

Technologies: .NET 8, WPF, Angular, Entity Framework Core, MSSQL, Scala DB, Kubernetes

Senior Developer, Betting application

April 2023 - July 2023

Responsibilities: Development of the responsive website, which was also used as a mobile application for observing the soccer and hockey sports events in live mode (like text broadcasting)

Technologies: .NET Framework, .NET Core, EF Core, MS SQL, React, Headless CMS, GraphQL, Azure, AWS, EKS, Lambda, Terraform, Grafana, Kubernetes

Senior .Net Developer, Website for medical appointments

November 2022 - April 2023

Responsibilities: created a website where you can schedule doctor's appointments, receive a doctor's video consultation, online medical card, online prescription, digital history of doctor's check-ups, etc

Technologies: .NET Framework, ASP.NET MVC, EF, MSSQL, Razor Pages, OpenTelemetry



Senior .Net Developer, Project for school education for the US market

June 2022 - November 2022

Responsibilities: Tool for creating learning paths and matching educational standards between states.

Technologies: Nest.js, TypeORM, PostgreSQL, Angular 15, PrimeNG

Senior Fullstack Developer, DevOps, Remittance system

February 2022 - June 2022

A UK-based company that offers worldwide money remittance. It has a huge development team and many different teams responsible for different parts of the system. Cross-team coordination and communication are important. The company has a microservice architecture, which was responsible for payouts.

Technologies: NET Framework, .NET Core, Java Spring, MS SQL, Cosmos DB, Azure Cloud, AWS, Azure Devops, CQRS, DDD, Team City, Octopus, Jenkins, React, gRPC, Azure Service Bus, Apache Kafka, Splunk, Grafana, mTLS, SOAP, unit testing. Adapter architecture/ approach, Kubernetes

Senior Developer, Website for medical staff

September 2021 - January 2022

Responsibilities: I created a website for medical staff. It stores all the documentation connected with the job, including medical contracts, contacts, and personal documentation. Now, it has more than 15,000 users.

Used technologies: Azure, NET Core, ASP.NET Core, MSSQL (stored procedures, views, etc.), React, Microsoft 365, OpenTelemetry

Fullstack Developer, Financial remittance system

February 2021 - August 2021

Responsibilities: participating in fraud protection system development, participation in the development of the correspondent communication platform

Technologies: Azure, Microservices, ASP.NET Core, .NET Core, EF Core, CQRS, DDD, MSSQL, TypeScript, Node.js, , Kafka, , AWS, Microsoft 365, EKS, Lambda, Terraform, Grafana

Fullstack Developer, Healthcare System

October 2020 January 2021

Responsibilities: new features development and bugfix

Technologies: ASP.NET Core, .NET Core, EF Core, MSSQL, Angular 8/9, React JS, RX.js, ngrx



.Net Backend Developer, Payment system for electronic documentation exchange service

April 2020 - October 2020

Responsibilities: new features development and bugfix

Technologies: ASP.NET Core, .NET Core, EF Core

Frontend Developer, Regus - Real estate booking Angular Senior

Responsibilities: new features development and bugfix

Technologies: Angular 9, RX.js, ngrx

Senior Frontend developer, R&D web application for agricultural research - for AB-Inbew R&D department VueJS 2+

Responsibilities: new features development and bugfix

Technologies: Vue.js

Full Stack developer, Smart Data Admin - internal processes management system for casinos network

January 2019 - June 2019

Responsibilities: new features development and bugfix, some DevOps responsibilities (Azure)

Technologies: ASP WebForms, ASP.NET Core, Angular 7, MS SQL, Octopus Deploy, Azure infrastructure (VM, AppServices, LB, etc.), Azure DevOps

Full stack developer, E-learning portal - NDA

August 2018 - December 2018

Responsibilities: new features development and bugfix, some DevOps responsibilities (Azure)

Technologies: ASP.NET MVC, ASP.NET Core, Entity Framework, Entity Framework Core, MS SQL, JavaScript, TypeScript, jQuery, Bootstrap, Vue.js, Vuetify, Azure web applications, Azure SQL, Azure Gateway, Azure DevOps, Azure Logic Apps, Azure Functions, Azure, Service Bus, Azure Event Grid, Azure API Management.

Full Stack developer, Bulk emails, and Salesforce sales enablement portal

February 2018 - August 2018

Email campaigns website with the ability to organize the cycle - from creating rich and beautiful, cross-device and cross-client templates, keeping and managing recipients base to creating flexible email campaigns and generation and analysis results of campaigns and all possible statistics according to performed activity.



Responsibilities: new features development and bugfix, some DevOps responsibilities (Azure) Used technologies: ASP.NET Core, Entity Framework Core, MS SQL, TypeScript, Angular 7, Amazon EC2, Amazon ElasticBeanstalk, Azure DevOps, Azure Logic Apps, Azure Functions, Azure, Service Bus, Azure Event Grid, Azure API Management.

Full Stack developer, Portal for city helpers

October 2017 - February 2018

Portal, which helps to make meetings possible between people who can provide some useful services in a big city and people who need these services to be consumed

Responsibilities: new features development and bugfix, some DevOps responsibilities (AWS)

Technologies: ASP.NET MVC, Entity Framework, MS SQL, JavaScript, jQuery, Bootstrap, number of 3rd party libraries

Full stack developer, Email campaigns and Salesforce results analytics website

June 2017 - October 2017

Analytics website for generation and analysis of email campaign results with a lot of statistics data, provided by customers' API. Also generation and analysis of Salesforce sales data together with the small engine for AI prediction of next possible sales results.

Responsibilities: new features development and bugfix Used technologies: ASP.NET Core, Entity Framework Core, MS SQL, React, TypeScript, Angular 6, Amazon EC2, Amazon Elastic Beanstalk, Amazon Redshift, Azure DevOps

Full stack developer, Psychological Portal - NDA

February 2017 - June 2017

Responsibilities: new features development and bugfix

Technologies: ASP.NET MVC, Entity Framework, SignalR, JavaScript, jQuery, Bootstrap, PayPal API

Full-stack developer, CloudFicient

July 2016 - February 2017

Office365 usage management website

Responsibilities: new features development and bugfix

Technologies: ASP.NET MVC 5. HTML5, CSS3, Bootstrap, jQuery, Google Charts API, Azure AD

.NET Developer (WPF), R&D application for spectroscopy company

January 2016 - July 2016

Responsibilities: new features development and bugfix

Technologies: C#, .NET, WPF, SciCharts WPF



NET Developer (UWP), PredictAble

Application for people who are literate but have lost the ability to speak, possibly due to cerebral palsy, motor neuron disease, laryngectomy, stroke, apraxia, or brain injury.

Responsibilities: new features development and bugfix.

Technologies: C#, .NET, Windows 10 SDK, Tobii Eyetracking hardware

EDUCATION

Master's degree, Computer Science

Zaporizhzhya National Technical University

2006 - 2011

