Oleksandr B.
Senior .NET & Azure Engineer with React skills

SUMMARY

- Full-stack engineer with 7 years of .NET, MS Azure, and JavaScript.
- Proven achievements include initiating and building a microservice architecture from scratch for data science computations and reducing latency by optimizing CPU-bound calculations.

TECHNICAL SKILLS

Main Technical Skills	.NET, Azure, C++, React
Programming Languages	C, C#, C++, JavaScript, Python, TypeScript
.NET Platform	ADO.NET, ASP.NET, ASP.NET MVC, Azure, Dapper, Entity Framework, ML.Net, MS Dynamics 365, .NET, SignalR
AI & Machine Learning	AI, Amazon Machine learning services, AWS ML (Amazon Machine learning services), OpenAI
JavaScript Frameworks	Angular, jQuery, React
UI Frameworks, Libraries, and Browsers	Bootstrap, CSS, Forms, HTML, jQuery
JavaScript Libraries and Tools	Mobx, mui, NgRx, React Hooks, RxJs
Salesforce Ecosystem	Salesforce
Databases & Management Systems / ORM	AWS ElasticSearch, Cosmos DB, Microsoft SQL Server, MongoDB, PostgreSQL, Redis, SQL
Cloud Platforms, Services & Computing	AWS, Azure, GCP
Amazon Web Services	AWS Elastic Kubernetes Service, AWS Elastic Kubernetes Service (EKS), AWS ElasticSearch, AWS ML (Amazon Machine learning services)

Azure Cloud Services	Azure DevOps, Azure Pipelines, Azure Service Bus, Cosmos DB
Google Cloud Platform	GCP AI
Industry Domain Experience	Blockchain, Gambling & Betting
SDK / API and Integrations	API, GraphQL, JWT, OAuth, PayPal API, Stripe, Web API, Winforms
QA, Test Automation, Security	Authentication, Fiddler, MS Test, Playwright, Security, Selenium, xunit
Deployment, CI/CD & Administration	Blazor, CD DevOps pipelines, CI/CD, DevOps, Helm
Methodologies, Paradigms and Patterns	Command and Query Responsibility Segregation (CQRS), DDD, microservices, microservices architecture, Monolith, MVC
BlockChain and Decentralized Software	Cryptography
Virtualization, Containers and Orchestration	Docker, Kubernetes
Version Control	GitLab
Logging and Monitoring	Grafana, Prometheus, Sentry
Platforms	IOT, Microsoft Power Platform, Salesforce, SharePoint
Mail / Network Protocols / Data transfer	JWT, WebRTC, WebSockets
Message/Queue/ Task Brokers	Kafka, MQQT, RabbitMQ
Web/App Servers, Middleware	Nginx
Third Party Tools / IDEs / SDK / Services	Office 365, Power Apps
Operating Systems	Unix

Other Technical Skills	App Service, Autodesk, Backend, Command and Query Responsibility Segregation, computer science, Core, CPU, CRM, D365 experience, Data Analytics, database, databases, Databases: PostgreSQL, Data Science, DataVerse, DB Profilers, Desktop, DevExpress, Dynamics CRM, English, ingress, Linea, MediatR, Microsoft, Monitoring, MS, MS Tests, .NET Maui, Ribbon, Scripting, Statistics

EXPERTISE

- **Design Architecture:** Designs and creates the architecture for scalable, efficient solutions
- **Team management:** Established a thriving development team that operates autonomously and consistently delivers without the need for extensive hands-on management.
- **Microservice migration for DataScience:** Initiated and built a microservice architecture from scratch tailored for data science computations like bet coefficients and sports statistics.
- **Latency Minimization**: Reduced latency through optimizing CPU bound calculations for heavy mathematical calculations and database operations
- **Hosting Cost Optimizations:** Reduced cost for hosting by suggesting rewriting Python module for math to .NET with algorithm optimization, and successfully implemented it.

Senior .NET Developer with React (Tech Lead Responsibilities), NDA

(August 2023 - now)

1. Smart-house like application for enterprise devices, which also helps to handl all steps of architecture processes from creating CAD/RVT files to modifying them through the platform.
2. An additional project about storing historical data about transportation and storage conditions of different art pieces.

Technologies:

- .NET and Back-End: .NET/C#, ASP.NET Core (Web API, Minimal API), Entity Framework
- Front-End Development: React, Redux, React Hook Forms, MUI, TypeScript, HTML, CSS
- APIs: REST, GraphQL
- Cloud Services & Azure: Azure DevOps, Azure Functions, Azure App Service, Azure Static Web Apps, Azure Active Directory (B2C Auth), Azure Key Vault, Azure Event Grid, Azure Blob Storage, Azure Pipelines
- Data & Storage: Cosmos DB (NoSQL API/Gremlin API), Redis
- Messaging & IoT: RabbitMQ (IoT), Service Bus, SignalR, WebSockets, IoT
- Low-Level Protocols (MQTT)
- Autodesk Integrations: Revit Data Exchange, Derivative, Tandem
- Other Skills: Blockchain, Optimization, Math & Geo Calculations

Senior .NET Developer + Data Science + Angular

(December 2021 - August 2023)

1. E Sports Betting Data Platform: Provided data and calculations for e-sports betting companies. Created a new infrastructure for calculations, migrated aPython monolith to .NET microservices, and maintained the main platform
2. Developed various small-to-large CRM systems, often integrating with Dynamics CRM or Salesforce.

Technologies

- Power Platform: Power Apps, Dataverse, Ribbon
- .NET and Back-End: .NET, ASP.NET Core (Web API, CQRS, MediatR), C#, Entity Framework, Dapper
- Cross-Platform Development: MAUI
- Scripting & Automation: Python (for migration tasks)
- Front-End Development: Angular, RxJS, MobX, NgRx, TypeScript, DevExpress, HTML, CSS
- Databases: PostgreSQL, MongoDB
- Cloud & DevOps: AWS Kubernetes (EKS), GitLab CI/CD, Kubernetes, Docker, Kafka, Helm, Ingress, Nginx
- Authentication & Security: JWT, OAuth, Cookies, Cryptography
- Real-Time Communication: WebSockets, WebRTC, SignalR
- Testing & Automation: Selenium, Playwright
- Monitoring & Observability: Prometheus, Grafana, Sentry
- Power Platform: Power Apps, Dataverse, Ribbon, D365
- Payments: Stripe, PayPal
- AI & ML: ML.NET, GCP AI services, OpenAI
- Other Skills: Optimization, Math & Calculations

.NET + React/Blazor Developer (Middle, then Senior), Rencore

(February 2019 -December 2021)

A platform helping large companies with Microsoft accounts manage and analyze their data. Developed an automation, report systems.

Technologies:

- .NETandBack-End: .NET, ASP.NET Core Web API, MVC, C#, DDD, Entity Framework
- Desktop Development: WinForms, Fiddler
- Front-End Development: React, MobX, React Hook Forms, MUI, TypeScript, HTML, CSS, Bootstrap, Blazor with Syncfusion
- Databases & Search: MS SQL, Elasticsearch, DB Profilers
- DevOps & Cloud: Kubernetes, Docker, Azure Pipelines, Hosting applications
- Messaging: Kafka
- Integrations: Microsoft 360
- Other Languages: C++

.NET Developer (Junior, Middle), NDA

(December 2018 -January 2019)

Pricing platform that involved advanced data analytics and competitive pricing strategies.

Technologies:

- .NET and Back-End: .NET, ASP.NET Core, C#, Entity Framework, ADO.NET
- Front-End Development: HTML, CSS, JavaScript, jQuery
- Databases: MS SQL
- DevOps: Azure DevOps

EDUCATION

- Ivana Franka National University of Lviv, Computer Science

LANGUAGES

- English - proficient (C1)