# ARTEM T.
# Senior SENIOR .NET DEVELOPER

## SUMMARY

Senior .NET Developer with over a decade of professional experience, showcasing advanced competencies in scalable and secure web application development, microservices architecture, and cloud solutions. Expertise in crafting optimized code by leveraging C#, ASP.NET Core, Entity Framework, and diverse databases like MS SQL Server and MongoDB. Proven track record in improving system performance, maintainability, and accelerating development cycles through SOLID principles and modern DevOps practices. Demonstrated ability touring in enterprise-level API development, and security enhancements, further leveraging CI/CD, containerization, and serverless technologies in both Microsoft Azure and AWS environments. Adept in applying design patterns and software engineering principles like CQRS, DDD, and the Akka.NET actor model to build robust and fault-tolerant systems.

## TECHNICAL SKILLS

| | |
|---|---|
| **Main Technical Skills** | C/C++/C# (5 yr.), Robot Framework (5 yr.), .NET Core (5 yr.), ASP.NET MVC, ASP.NET Core Framework (5 yr.) |
| **.NET Platform** | ASP.NET Core Framework (5 yr.), ASP.NET MVC, .NET Core (5 yr.), Polly |
| **C++ Libraries and Tools** | C/C++/C# (5 yr.) |
| **Python Libraries and Tools** | Robot Framework (5 yr.) |
| **Data Analysis and Visualization Technologies** | Azure Data Factory, Google Spreadsheets, Power BI |
| **Security** | RBAC |
| **Databases & Management Systems / ORM** | Cosmos DB, Memcached, Microsoft SQL Server, MongoDB, Neo4j, PostgreSQL, relational databases, SQL |
| **Amazon Web Services** | AWS EC2, AWS Fargate, AWS Lambda, AWS SQS |
| **Azure Cloud Services** | Azure Blob Storage, Azure Cloud Functions, Azure Data Factory, Cosmos DB |
| **Google Cloud Platform** | GCP Storage, Google Docs |
| **SDK / API and Integrations** | API, JWT, OAuth, RESTful API, Winforms |
| **Deployment, CI/CD & Administration** | CD DevOps pipelines, Jenkins |
| **Platforms** | CRM, ERP |

| | |
|---|---|
| **Methodologies, Paradigms and Patterns** | DDD, DRY, microservices |
| **Version Control** | GitHub |
| **Mail / Network Protocols / Data transfer** | JWT, VoIP |
| **Operating Systems** | Linux, Unix |
| **QA, Test Automation, Security** | QA Automation |
| **Third Party Tools / IDEs / SDK / Services** | Visual Studio |
| **Other Technical Skills** | Freeswitch, IaaS, MFA, PaaS |

## WORK EXPERIENCE

### Senior .NET Developer, API Development & Integration

**Duration:** December 2023 - Present
**Summary:** Development and execution of API calls for SharePoint Online and third-party API data provider integration improving data ingestion and analytics.
**Responsibilities:** Developed API calls for retrieving task documents, integrated third-party APIs, enhanced microservices, integrated SFTP CSV report synchronization, optimized T-SQL queries, and developed Power BI reports.
**Technologies:** C#, .NET 8, ASP.NET MVC, React JS, TypeScript, Redis, MS SQL Server, PostgreSQL, Power BI, MongoDB, Azure Data Factory, Kubernetes, CircleCI, Identity Server 4, Entity Framework, Microsoft Power Automate

### Senior ASP.NET Developer, API & Azure Services Integration

**Duration:** May 2022 – December 2023
**Summary:** Enhancement of task event handling and integration of Azure services for improved notification and synchronization mechanisms.
**Responsibilities:** Developed recursive API calls, enhanced task event handling with MediatR, engineered notification infrastructure, and orchestrated Azure Functions integration.
**Technologies:** ASP.NET MVC Framework, SharePoint Online, MediatR & IPipelineBehavior, Azure CosmosDB, Azure Blob Storage, Azure Active Directory & Graph API, EventGrid, MSTest, Polly, KQL, Redis, Application Insights & Telemetry

### Senior ASP.NET Developer, Service Migration & CI/CD Pipeline Implementation

**Duration:** July 2021 – May 2022
**Summary:**

- Migration of services to
- NET 5, establishment of AWS-based CI/CD pipelines, and integration of cloud services for performance optimization

**Responsibilities:** Implemented .NET 5 background jobs migration, established AWS CI/CD pipeline, integrated AWS services, and led the development of a business rules engine.
**Technologies:** C#, ASP.NET MVC Framework, .NET 5, AWS Cloud Infrastructure, AWS

Lambda, AWS Fargate, Docker, Microservices Architecture, AWS Memcached, AWS DocumentDB, AWS SQS, AWS Storage, Google Sheets Integration

### Senior ASP.NET Developer, Predictions Functionality & Partner Service Enhancement

**Duration:** January 2021 – June 2021
**Summary:** Enhancement of predictions functionality and development of a dedicated partner service, alongside Azure Functions implementation for event processing.
**Responsibilities:** Enhanced predictions functionality, engineered advertising mechanisms, developed partner services, and migrated event processing to Azure Functions.
**Technologies:** C#, ASP.NET Core 3.1 MVC, CQRS & DDD, React.JS, App Service, Service Bus Function, Key vault, CosmosDB, Storage Account, CDN & Endpoint, Microsoft Azure infrastructure, SQL Server

### Blazor Frontend Developer, Migration to .NET 5 & Blazor Component Optimization

**Duration:** December 2020 – July 2021
**Summary:**

- Migration of lending operations portal to
- NET 5 and optimization of Blazor components for improved performance

**Responsibilities:** Led migration to .NET 5, optimized Blazor components, developed new reporting and search components, and ensured seamless third-party API data ingestion.
**Technologies:** C#, .NET 5, Blazor WebAssembly, Oracle Databases, Syncfusion Blazor controls, Third-party API

### Senior ASP.NET Developer + DevOps Engineer, Mobile API & CI/CD Workflow Management

**Duration:** June 2020 – December 2020
**Summary:** Development of REST API for a mobile application, optimization of data storage strategies, and implementation of automated testing and CI/CD workflows.
**Responsibilities:** Implemented REST API, applied data storage strategies, optimized login workflow, and managed CI/CD pipeline transitions.
**Technologies:** C#, ASP.NET Core 3.1, Identity Server 4, Entity Framework Core (EF Core), Blazor (Radzen controls), PostgreSQL, AWS Cloud Infrastructure, DynamoDB, Neo4j, GitHub Actions, Jenkins, OAuth

### Senior ASP.NET Developer, System Transition to .NET Core & CRM Synchronization

**Duration:** January 2020 – June 2020
**Summary:**

- Orchestration of system transition to
- NET Core 3
- 1, synchronization of CRM with a management system, and performance optimization

**Responsibilities:** Led system's transition to .NET Core 3.1, coordinated with teams for minimal service disruption, and synchronized CRM with management systems.
**Technologies:** .NET Core 3.1 LTS, ASP.NET Core 2.1, Akka.NET Actor System, MS SQL Server, Entity Framework Core (EF Core), Dapper ORM

### Senior ASP.NET Developer, Database Optimization & Blazor Integration

**Duration:** July 2019 – January 2020
**Summary:** Performance improvements through direct MS SQL queries using Dapper, enhancing schema for better analytics, and implementing Blazor technologies.
**Responsibilities:** Executed high-performance direct queries, analyzed data layers for schema improvements, and led SQL query builder solution development.
**Technologies:** ASP.NET Core 2.1, Akka.NET Actor System, MS SQL Server, Entity Framework Core (EF Core), Dapper ORM, T-SQL/SQL

### Senior ASP.NET Developer, Concurrency Optimization & Custom CRM Integration

**Duration:** August 2017 – July 2019
**Summary:**

- Implementation of ASP
- NET Core with Akka
- NET to enhance concurrency and response times, actor-based communication, and integration of a custom CRM/ERP suite

**Responsibilities:** Implemented ASP.NET Core and Akka.NET for performance and concurrency, established actor-based communication protocols, and integrated custom CRM/ERP suite.
**Technologies:** C#, ASP.NET Core 2.1, Akka.NET Actor System, MS SQL Server, Entity Framework Core (EF Core), Dapper ORM

### On-Premises Server Administrator/System Administrator, CRM Hosting & VoIP Server Optimization

**Duration:** June 2017 – August 2017
**Summary:** Configuration of server infrastructure to host CRM, optimization of VoIP server performance, and enhancement of call center operations.
**Responsibilities:** Configured Windows and Linux servers for CRM hosting, optimized VoIP server performance, and implemented advanced call routing.
**Technologies:** Windows Server 2016, Ubuntu Linux server 20.04.1 LTS, Freeswitch server for VoIP

## EDUCATION

- **KHMELNYTSKYI NATIONAL UNIVERSITY**
  Master's degree in Informational Technologies of Design
  SEPTEMBER 2007 – JUNE 2012