

# Denis M.

## Senior Full Stack .NET Developer

### SUMMARY

- Over 10 years of expertise in full-stack .NET development, specializing in C#, ASP.NET Core, Entity Framework, and MS SQL Server across diverse domains, including FinTech, e-commerce, and SaaS.
- Proficient in Azure integration services: Logic Apps, Azure Functions, Service Bus, Event Grid, API Management. Frequently used Logic Apps + API Management + Functions (especially in migrations) for API exposure, workflows, and custom logic.
- Strong background in migrations & integrations (MuleSoft experience and similar). Skilled in API-led, event-driven, and hybrid patterns – connecting internal systems, third-party services, and cloud components (multi-system flows, async processing, background jobs, notifications, legacy modernization to Azure).
- Strong background in implementing billing systems, real-time event-driven architectures, and multi-tenant SaaS platforms with robust role-based access control and audit capabilities.
- Experienced in frontend technologies, including Blazor, AngularJS, TypeScript, and React
- Skilled in applying SOLID principles, design patterns, CI/CD pipelines, unit and API testing (XUnit), and Agile methodologies to ensure maintainable, high-quality software solutions.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	.NET, Azure, Azure Logic Apps, Azure Cloud Functions
<b>Programming Languages</b>	C#, JavaScript, TypeScript
<b>.NET Platform</b>	ADO.NET, ASP.NET, ASP.NET Core Framework, ASP.NET MVC, Azure, Entity Framework, LINQ, MS Dynamics 365, .NET, .NET Core, WPF
<b>JavaScript Frameworks</b>	AngularJS, jQuery, React (1 yr.), Vue.js
<b>AI &amp; Machine Learning</b>	Grid
<b>Java Libraries and Tools</b>	JSON
<b>JavaScript Libraries and Tools</b>	React Hooks
<b>Salesforce Ecosystem</b>	Salesforce Lightning Component
<b>Data Analysis and Visualization Technologies</b>	Microsoft Azure Synapse Analytics
<b>Security</b>	RBAC

<b>Databases &amp; Management Systems / ORM</b>	Microsoft SQL Server, SQL, SQL Stored Procedures
<b>UI Frameworks, Libraries, and Browsers</b>	Bootstrap, Bootstrap 4, CSS, HTML, jQuery, UI
<b>Cloud Platforms, Services &amp; Computing</b>	Azure
<b>Amazon Web Services</b>	AWS IAM
<b>Azure Cloud Services</b>	Azure Cloud Functions, Azure DevOps, Azure Event Grid, Azure EventGrid, Azure Logic Apps, Azure Service Bus, Azure Services, Microsoft Azure API, Microsoft Azure Synapse Analytics
<b>Industry Domain Experience</b>	seo
<b>Methodologies, Paradigms and Patterns</b>	Agile, CI/CD Design patterns, DRY, Flows, microservices, Observer, Razor, REST, Scrum, SOLID, SOLID principles
<b>SDK / API and Integrations</b>	API, API testing, Microsoft Azure API, PayPal API, RESTful API, Stripe, Web API
<b>QA, Test Automation, Security</b>	API testing, QA Automation, TFS, Unit Testing, xunit
<b>Deployment, CI/CD &amp; Administration</b>	Blazor, CI/CD
<b>Version Control</b>	Git
<b>UI/UX/Wireframing</b>	Responsive Design
<b>Platforms</b>	SAAS
<b>Operating Systems</b>	Windows
<b>File Systems, Storage</b>	XML
<b>Other Technical Skills</b>	Unreal Engine

## WORK EXPERIENCE

### Full Stack .Net Engineer, NDA

Duration: 2019 - present

#### FinTech Subscription & Usage-Based Billing Portal

**Summary:** A self-service customer portal for managing subscriptions, metered usage, invoices, and payment methods for SMB clients.

#### Responsibilities:

- Designed and implemented the backend with clean separation of concerns and reusable service layers.



- Built billing flows: plan upgrades/downgrades, proration, refunds, and invoice generation.
- Integrated payment processing and webhooks to keep billing state consistent.
- Delivered an admin panel for customer support (manual adjustments, invoice re-send, account locks).

**Technologies:** C#, ASP.NET Core, Entity Framework Core, MS SQL Server, Stripe API, Azure DevOps.

## Order Management System for Multi-Warehouse E-commerce

**Summary :** A centralized OMS for processing orders, allocating stock across warehouses, and synchronizing shipment statuses with external carriers. Took over and enhanced an existing integration solution primarily based on **Azure Logic Apps** and **Azure Functions**, improving reliability and scalability of order and fulfillment flows.

### Responsibilities:

- Took over and enhanced existing integration workflows for order lifecycle orchestration, including order creation, stock reservation, pick/pack, shipment, cancellation, and returns.
- Designed and developed integration solutions using **Azure Integration Services**, including **Azure Logic Apps**, **Azure Functions**, Service Bus, Event Grid, and API Management.
- Built and supported REST APIs for core OMS operations and synchronization with external warehouse and carrier systems.
- Implemented stored procedures and SQL views for high-performance reporting and operational dashboards.
- Added role-based access control and audit trails for critical operational actions.
- Optimized database queries and introduced caching for high-traffic endpoints.

**Technologies:** ASP.NET MVC, MS SQL Server (Views/Stored Procedures), ADO.NET, Azure, Azure Logic Apps, Azure Functions, Service Bus, Event Grid, API Management.

## Real-Time Notifications & Alerts Microservice Suite

**Summary:** Event-driven microservices for real-time notifications (email/in-app) triggered by business events such as payments, failed jobs, and SLA breaches. Took over and improved an existing Azure-based integration solution to ensure reliable event routing, processing, and delivery.

### Responsibilities:

- Took over and enhanced an existing integration solution primarily based on **Azure Logic Apps** and **Azure Functions** for business event processing and notification delivery.
- Designed and developed integration solutions using **Azure Integration Services**, including **Logic Apps**, **Azure Functions**, Service Bus, Event Grid, and API Management.
- Implemented event contracts and handlers for multiple business event types across distributed services.
- Built retry policies, dead-letter handling, and idempotency mechanisms for robust event processing.
- Created a notification templates module with versioning, localization support, and preview/testing tools.



- Added monitoring dashboards and alerting rules for failures, latency spikes, and provider issues.

**Technologies:** .NET Core, Event-driven Microservices, MS SQL Server, Azure, Azure Logic Apps, Azure Functions, Service Bus, Event Grid, API Management, Azure DevOps.

## HR Candidate Tracking & Interview Scheduling Platform

**Summary:** An internal ATS for managing candidates, interview pipelines, scorecards, and calendar-based scheduling for hiring teams. Included integration enhancements for workflow automation, notifications, and coordination with external/internal systems.

### Responsibilities:

- Took over and enhanced existing workflow and integration components built on **Azure Logic Apps** and **Azure Functions**.
- Designed and developed integration solutions using **Azure Integration Services** to automate candidate status changes, interview scheduling, notifications, and approval flows.
- Built pipeline stages, tagging, and advanced search/filtering for recruiters and hiring managers.
- Implemented interview scheduling with conflict detection and team availability views.
- Created analytics for time-to-hire, stage drop-off, and recruiter workload tracking.
- Delivered a responsive UI with reusable components and form validation.

**Technologies:** ASP.NET Core, Blazor, Entity Framework Core, MS SQL Server, TypeScript, Azure, Azure Logic Apps, Azure Functions, Service Bus, Event Grid, API Management.

## Legacy Desktop Modernization: Inventory & POS Assistant

**Summary:** A Windows desktop app to support inventory operations, barcode scanning, and offline-first POS workflows for retail branches.

### Responsibilities:

- Developed WPF screens for inventory intake, transfer, and stock reconciliation.
- Implemented offline mode with local caching and background sync when online.
- Built a rules engine for discounts, bundles, and loyalty points.
- Optimized UI responsiveness and data loading for large catalogs.

**Technologies:** .NET Framework, WPF, ADO.NET, MS SQL Server.

## Payment Reconciliation & Payouts Automation

**Summary:** A back-office tool to reconcile payments, detect mismatches, and automate vendor payouts with approval flows.

### Responsibilities:

- Imported transactions, normalized data, and matched records across sources.
- Built discrepancy detection rules and approval workflows for payouts.
- Implemented export reports for accounting and compliance requirements.
- Added scheduled jobs and operational monitoring for automation runs.



**Technologies:** C#, .NET Core, Entity Framework, MS SQL Server, PayPal API, Azure.

## **.Net Developer, Udrive**

**Duration:** 2018 - 2019

### **Customer Support Case Management Dashboard**

**Summary:** A web dashboard for support agents to track tickets, customer context, and issue resolution history across products.

**Responsibilities:**

- Built ticket workflows (SLA timers, priority queues, assignment rules).
- Integrated a lightweight frontend layer for interactive ticket updates and live filters.
- Implemented RBAC, user permissions, and secure audit logs.
- Added performance improvements for list views and search endpoints.

**Technologies:** ASP.NET MVC, React (legacy version), MS SQL Server, Azure.

### **Marketing Landing Builder with CMS-Style Blocks**

**Summary:** A landing-page builder that allows marketing teams to assemble pages from predefined blocks and publish without dev involvement.

**Responsibilities:**

- Built a component-based editor with drag-and-drop sections and previews.
- Implemented versioning (draft/publish), rollback, and page scheduling.
- Created SEO tooling: metadata, sitemap generation, and friendly URLs.
- Added asset management for images and reusable content snippets.

**Technologies:** ASP.NET Core, Vue.js, TypeScript, MS SQL Server, Azure DevOps.

## **.Net Engineer, Task & Workflow Automation Tool for Operations Teams**

**Duration:** 2017 - 2018

**Summary:** A workflow system to model operational processes (approvals, checklists, escalations) with configurable steps and triggers.

**Responsibilities:**

- Implemented workflow designer concepts: states, transitions, conditions, and actions.
- Built UI for assigning tasks, tracking progress, and enforcing deadlines.
- Added notifications, reminders, and escalation rules for overdue items.
- Delivered reporting dashboards for throughput and bottleneck analysis.

**Technologies:** .NET Core, Blazor, MS SQL Server, JavaScript, Azure DevOps.

## **.Net Engineer, Multi-Tenant SaaS Admin Console**

**Duration:** 2016 - 2017

**Summary:** A multi-tenant admin console to manage tenants, features, user roles, and configuration per customer.



**Responsibilities:**

- Designed a tenant isolation strategy in the database schema and service layer.
- Implemented feature flags and per-tenant configuration management.
- Built onboarding: tenant creation, initial admin invite, and environment setup.
- Added telemetry and usage analytics per tenant.

**Technologies:** ASP.NET Core, Entity Framework Core, MS SQL Server, Azure, Azure DevOps.

**EDUCATION**

- **Bachelor's degree in Software development**  
Cherkasy State Business College  
2012 - 2017

