

Dima Danylevych

Senior .NET Engineer (Open to Remote)

Des Plaines, IL | US Citizen

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SUMMARY:

With over 15 years of IT experience, I've honed my skills in Application Design, Development, and Maintenance, specializing in **Microsoft Technologies**. My expertise spans **Full Stack** web development, including ASP.NET/Core, Angular/React, Web API, MVC, Azure, AWS, WCF, Entity Framework, and more. I've navigated all phases of the software development life cycle (**SDLC**), adept in **Agile/scrum** methodologies. Utilizing design patterns and best practices, I ensure flexibility in **Enterprise Application** development. I've also mentored and conducted **Code Reviews** to maintain coding standards. My hybrid IT platform expertise covers both on-premises and **Azure/AWS** environments, with a solid grasp of Enterprise-level network components. Additionally, I have hands-on experience in **Microservice** architecture, facilitating seamless interactions through REST and leveraging **Azure** for deployment.

EXPERIENCE:

Client: GE Healthcare | Chicago, IL | Remote

02/2019 – 04/2024

Role: Senior .NET Engineer / Software Architect

Responsibilities:

- Modernized a 20-year-old software suite, reducing downtime by +13%, and support tickets by 22%
- Designed **Microservice** architecture, based services interacting through a combination of **REST** and leveraging Azure to build, test and deploy
- Created a high-performance software suite in **.NET 6** and **Azure Serverless**, improving system performance by 31% with 23% faster response times and 17% better reliability
- Integrated messaging system into the software architecture, providing real-time data streaming for efficient communication between distributed Microservices
- Established a continuous integration process using **Azure DevOps**, leading to a 18% increase in development and deployment efficiency, ensuring quicker feature releases and improved development workflows
- Utilized **Apollo Federation**, **GraphQL** and **Swagger UI** for efficient API management
- Implemented EDI Transactions for seamless data exchange and compliance within the healthcare domain
- Orchestrated containerized applications using **Kubernetes**, streamlining deployment processes, enhancing scalability, and improving resource utilization
- Contributed to multiple projects, creating branding and promotional applications for company contests. Utilized **Oracle** and **SQL Server** databases
- Implemented a secure patient portal using **Angular**, enhancing user experience and ensuring **HIPAA** compliance through robust type-checking and structured component architecture
- Conducted code reviews, wrote **Unit tests**, and ensured code quality and adherence to best practices

- Developed real-time data processing pipelines using **Kafka** and **.NET** technologies, significantly reducing data processing time
- Implemented complex healthcare data transformations, demonstrating expertise in **BizTalk**
- Provided UI expertise with **Angular/React/TypeScript** to troubleshoot existing UI problems and build new user-friendly forms—revamping the user experience
- Designed and executed SQL Database Schema, procedures, and functions with integration into Azure for enhanced security
- Developed and managed **APIs** using **Kubernetes** to control container specifications and scale server deployments effectively in the cloud environment
- Configured an **Oracle Service Bus** for development and production
- Created **Azure Functions** for scheduled tasks and enhanced data security with Azure Key Vault
- Designed the authorization system's database schema in **SQL Server 2019**
- Implemented a communication system for email and SMS distribution using **.NET Core 5.0**
- Successfully integrated with 3rd party web services, resulting in reduction in manual data entry and increase in data accuracy
- Contributed to hospital warehouse management software with **Blazor**, ASP.Net Core, and SQL Server
- Utilized **ADO.NET** to access databases as data sources
- Integrated Windows services and data through **RabbitMQ** for Windows with Consumers & Procedures
- Contributed in **SQL Server** and **T-SQL** for programming, including stored procedures, triggers, and cursors
- Created reports with SQL Server Reporting Services (**SSRS**) and Datasets, aggregating data from various sources
- Implemented Web API services for CRUD operations, using **Entity Framework** Code First Approach or Dapper as needed
- Designed databases, crafted tables, views, stored procedures, and functions in **Microsoft SQL Server**
- Developed and maintained SQL Server Integration Services (**SSIS**) for ETL jobs
- Utilized Microsoft solutions such as Application Insights, **Azure Blob Storage**, and telemetry for performance improvements
- Deployed applications to cloud services in Microsoft **Azure** and Amazon Web Services (**AWS**)
- Managed scheduled SQL Jobs running Microsoft SSIS packages and MVC5 and WCF applications
- Prepared test plans, executed unit tests with **Jasmine** and **NUnit** frameworks, and supported cloud services like AWS
- Implemented continuous integration and continuous deployment to Windows servers, using tools like **TeamCity** and **Octopus Deploy**
- Actively participated in release management activities, including project descriptions, back-out plans, and real-time environment enhancements
- Engaged in **Production Support** activities during the warranty period post-project go-live
- Experienced in **Configuration Management**, setting up company **Version** policies, build schedule using **JIRA** and Jenkins
- Worked on distributed version control system/subversion called GIT and comfortable with feature branches, rebasing, merging
- Documented project-related materials in compliance with internal and external audit standards, using **Confluence**
- Utilized **GitLab** for source control, data management, reporting, and project tracking, including pull requests, code reviews, and branching with GIT and **SourceTree**
- Managed user stories and integrated different environments using Rally in **Agile Scrum** methodology

Environment: GCP, Cosmos DB, ASP, C#, MySQL, Blazor, Windows Forms (WinForms), VBScript, Azure, Microservices, Enterprise Service Bus (ESB), .NET, Angular, React, Azure DevOps, Azure Pipelines, WebSockets, Full-stack, Networks, CI/CD Pipelines, REST APIs, CSS3, Responsive Web Design (RWD), Front-end, ASP.NET, Cloud, ASP.NET Web Form, .NET Core, Solution Architecture, Data Architecture, Data Engineering, APIs, Data, Databases, Integration, DB, Mentoring, NPM, System Design, Software Design, Microservices Architecture, Git, Source Tree, SQL Server Integration Services (SSIS), Microsoft Power BI

Client: Blacc Spot Media | Atlanta, GE | Remote

03/2013 – 01/2019

Role: Senior .NET Engineer

Responsibilities:

- Designed and implemented a cloud video platform for 700 locations, enabling video-on-demand, live streaming, and document sharing, resulting in increase in user engagement
- Created **REST APIs** and used Windows Communication Framework (**WCF**) services for seamless data exchange, improving system interoperability
- Utilized SQL Server Reporting Services (**SSRS**) to create reports and aggregate data from various sources, enhancing data-driven insights and decision-making processes
- Made integrations with Twilio API, webhooks, and Dynatrace
- Designed and executed **SQL Database Schema**, procedures, and functions, providing stakeholders with detailed employee training status information and achieving a 9% increase in data-driven insights
- Played a key role in the design and development of a **Manufacturing Execution System** to manage day-to-day production activities and improve operational efficiencies
- Mentored staff on new technologies such as **ASP.NET MVC, C#, Angular 2+, and Entity Framework**
- Applied **DRY & SOLID** principles of software development making good use of **OOP** features such as abstraction, encapsulation, inheritance, and polymorphism
- Increased test coverage to 80% by writing **Unit** tests to test small units and mocking dependencies, integration tests to test multiple units together, and end-to-end tests to test endpoints with real dependencies
- Implemented JWT Token-based authentication to secure **ASP.NET Core** Web API and provide authorization to different users to test API from **Swagger** UI for development convenience
- Used HTML, CSS, JavaScript and **Angular** to design pop-up screens and added validations in UI for lead, customer, equipment, quote, and vehicle modules
- Designed and executed **SQL Database Schema**, procedures, and functions, providing stakeholders with detailed employee training status information and achieving a 9% increase in data-driven insights
- Configured and utilized **Amazon S3 Service** for uploading documents into the AWS cloud
- Worked on implementing service methods for modules which will further call respective repository methods to execute stored
- Used Microsoft **Entity Framework** Code First approach for the Data Access Layer and defined entities that are used for data access **MVC** application
- Implemented Single Sign-On (**SSO**) Solutions to provide common gateway for login
- Actively involved in deployment of the project in **Windows Azure** for different environments
- Extensively used **SSIS** to create packages to move data from a single data source to a destination
- Built environments and pipelines, establishing **CI/CD** processes for development, quality assurance (QA), staging, and production environments
- Worked on an interactive map portal that displayed information about media appliance failures written in .NET Core and Angular, improving issue visibility by 26% and enabling faster response times

Environment: C#.NET, Amazon CloudFront CDN, Amazon S3 (AWS S3), Microservices, Windows Communication Framework (WCF), REST APIs, Code Architecture, ASP.NET Web Forms, Azure DevOps, Node.js, WebPhone,

Windows Forms (WinForms), .NET Core, MongoDB, React, Angular, TypeScript, JavaScript, Microsoft SQL Server, ASP.NET, .NET, C#, EDI, NPM

Client: University Hospitals | Shaker Heights, OH | Onsite

09/2008 – 02/2013

Role: Software Engineer

Responsibilities:

- Leveraged UI expertise in **AngularJS** to troubleshoot existing UI issues and develop new user-friendly forms
- Rewrote tons of stuff from jQuery and legacy CoffeeScript code to vanilla **JavaScript**
- Optimized the data access layer, reducing its size, resulting in a 13% improvement in data retrieval performance and reduction in database load times
- Consolidated multiple **BL**(Business Logic) class libraries into a single reusable library, reducing maintenance efforts and improving code reuse
- Enhanced user experience (**UX**) with **AngularJS**, **HTML5**, and **CSS**, resulting in a 22% increase in user engagement and a 17% improvement in user retention
- Implemented a real-time messaging service using **SQL** and **ASP.NET**, facilitating seamless communication between users during live sessions
- Participated with clients in discussion meetings
- Developed business components using C#, WCF, **BizTalk**, and Entity Framework

Environment: Angular, HTML5, Service-oriented Architecture (SOA), Microsoft SQL Server, Model View Controller (MVC), C#, TFS, Architecture, HTML, Redux, Webpack, .NET, Full-stack, Networks, CI/CD Pipelines, REST APIs, Responsive Web Design (RWD), Front-end, ASP.NET, Cloud, Solution Architecture, Headless Software, Data Architecture, Data Engineering, APIs, Data, Databases, Integration, BizTalk

Client: Combis d.o.o | Onsite

05/2005 – 08/2008

Role: Junior Software Engineer

EDUCATION:

University of Illinois Chicago

09 / 2005

Degree: Bachelor of Science in Computer Science | Chicago, IL, United States

Relevant coursework: Data Structures and Algorithms, Operating Systems, Database Systems, Software Engineering, Computer Networks, Web Development, Computer Architecture

SKILLS:

Languages	C#, T-SQL (Transact-SQL), XML, HTML5, CSS, JavaScript, SQL, C#.NET, HTML, CSS3, TypeScript, XHTML, Sass, GraphQL, Python, Visual Basic, Less, VBScript
Frameworks	.NET, .NET Core, ASP.NET MVC, Entity, Kendo UI, AngularJS, ASP.NET, Angular, Bootstrap, Redux, NUnit, Unity, Windows Communication Framework (WCF), Titanium, Classic ASP, Knockout (Knockout.js), OAuth 2, ASP, Biztalk, Blazor
Database	Oracle, SQL Server, My SQL, PL/SQL, PostgreSQL, Cosmos DB, Cassandra, MongoDB.
Platforms	AWS Lambda, Amazon Web Services (AWS), Azure, Docker, Kubernetes, Windows, Salesforce, Oracle, ZNode, Twilio, Arduino, Raspberry Pi

Paradigms	Continuous Integration (CI), Continuous Delivery (CD), REST, Service-oriented Architecture (SOA), Agile, DevOps, Responsive Web Design (RWD), ETL, Unit Testing, Agile Product Management, Scrum, Kanban, Test-driven Development (TDD), Azure DevOps, Model View Controller (MVC), Microservices
Tools	Git, TFS, GitHub, NPM, Stylus, Amazon Simple Queue Service (SQS), Webpack, Visual Studio, Kentico, Flyway, TNet Strings, SendGrid, Windows Azure SDK, GitLab CI/CD, AWS Simple Notification Service (SNS), Visual SourceSafe, Subversion (SVN), IBM Watson, Jira
Libraries/APIs	REST APIs, Web API, jQuery, Sockets, Salesforce API, Node.js, Vue, React, CyberSource, Google Calendar API, Vuex, Windows Forms (WinForms)
Cloud Services	<p>Amazon Web Services (AWS) (Cloud Formation, Cloud Watch, Code Build, Code Commit, Code Deploy, Code Pipeline, EC2, EC2 Container Service, EBS, Elastic Beanstalk, EKS cluster, IAM, Security Groups, Route 53, S3, CloudFront, Glacier, SQS, SNS, VPCs, DynamoDB, Elastic Cache, Lambda).</p> <p>Microsoft Azure (AKS, Azure Spring Cloud, Azure App Service, Azure Functions, Azure Cosmos DB, Azure Blob Storage, Azure SQL Database, Azure AD, Azure DevOps Services, Azure Logic Apps)</p>