

CYRYL R.

SENIOR FULL-STACK .NET DEVELOPER

SUMMARY

A seasoned Senior Full-Stack .NET Developer with a Master's degree in Informational Technologies, possessing over a decade of experience in designing, developing, and optimizing complex web applications, primarily within the .NET ecosystem. Expertise includes mastery of C# and ASP.NET Core, underpinned by a strong grasp of concurrency paradigms with Akka.NET, microservice architecture, and REST API development. Recognized for enhancing CRM platforms, efficiently managing enterprise-scale databases with Entity Framework and Dapper, and crafting cross-browser frontends using ReactJS and AngularJS. Well-versed in implementing full lifecycle software development, from conception to deployment and maintenance, leveraging agile methodologies.

SKILLS

Main Technical Skills	ASP.NET Core Framework (5 yr.), C/C++/C# (5 yr.), microservices architecture (3 yr.), RESTful API (5 yr.), RDBMS
Programming Languages	TypeScript
JavaScript Frameworks	AngularJS, Express, React, Vue.js
.NET Platform	ASP.NET Core Framework (5 yr.), ASP.NET MVC Pattern, Dapper, Hangfire, WPF
C++ Libraries and Tools	C/C++/C# (5 yr.)
UI Frameworks, Libraries, and Browsers	Chart.js, Material UI, Tailwind CSS
Mobile Frameworks and Libraries	Crashlytics
JavaScript Libraries and Tools	Redux-Saga, RxJs, Vuex
Databases & Management Systems / ORM	AWS DynamoDB, Flyway, MariaDB, Microsoft SQL Server, PostgreSQL, RDBMS, Redis, T-SQL
Amazon Web Services	AWS DynamoDB
Azure Cloud Services	Azure DevOps, Microsoft Azure API

Deployment, CI/CD & Administration	Blazor
Methodologies, Paradigms and Patterns	microservices architecture (3 yr.)
SDK / API and Integrations	Microsoft Azure API, OAuth, RESTful API (5 yr.)
QA, Test Automation, Security	NUnit
Third Party Tools / IDEs / SDK / Services	Visual Studio
Other Technical Skills	Fluent Validation, MediatR, OneSignal

WORK EXPERIENCE

Senior Full-Stack .NET Developer, Dealer and Parts Catalog Enhancement

Duration: August 2023 – January 2024

Summary: Enhanced partner engagement and customer reach by developing a comprehensive dealer catalog with improved visibility and accessibility.

Responsibilities: Developed the comprehensive dealer catalog, created and optimized the detailed Products/Spare Parts catalog, engineered the broken parts and refurbished parts modules, conducted comprehensive unit tests, utilized Entity Framework Core for performance optimization, worked with MS SQL Server for data models, developed user-friendly interfaces with AngularJS and DevExpress.

Technologies: C#, ASP.NET Core, AngularJS, Entity Framework Core, DevExpress, MS SQL Server

Senior Full-Stack .NET Developer, DealersPortal Module Development and Integration

Duration: December 2022 – August 2023

Summary: Optimized system efficiency and accelerated integration processes in the DealersPortal platform by developing new modules and enhancing performance.

Responsibilities: Developed new modules to expand platform functionality, optimized existing module performance, increased system reliability through test writing and troubleshooting, standardized integration protocols, maintained code quality, developed robust databases and back-end logic, implemented real-time notifications and automated email systems.

Technologies: C#, ASP.NET Core, Blazor, AngularJS, MS SQL Server, Entity Framework Core, T-SQL, Redis Cache, MediatR, Fluent Validation, Hangfire, NUnit, Azure AD, OAuth, SignalR

Senior Full-Stack .NET Developer, Secure Authentication and Email Management

Duration: December 2022 – March 2023

Summary: Improved user sign-in efficiency and security while developing robust email communication and parsing systems.

Responsibilities: Developed OAuth authorization, established monitoring and alerting for security paths, designed and implemented dynamic email templates, engineered advanced



email parsing and logging, created custom workflows for email scheduling, ensured code quality, optimized data operation times with Dapper and Entity Framework Core.

Technologies: C#, ASP.NET Core, React, Redux, Tailwind, Dapper, Entity Framework Core

Senior Full-Stack .NET Developer, Internal System Enhancements

Duration: March 2022 – December 2022

Summary: Contributed to creating a comprehensive training module and optimizing efficiency through backend and frontend development for Delta's internal systems.

Responsibilities: Enhanced existing .NET modules for improved efficiency, developed training and vacation modules, created import/export functionalities, architected backend and frontend solutions, facilitated cross-platform integration, designed thorough unit tests, optimized legacy code and databases.

Technologies: C#, ASP.NET Core, ReactJS, Redux, RxJS, TypeScript, Material UI, Entity Framework Core, MariaDB, T-SQL, Visual Studio 2019, VS Code

Full-Stack .NET Developer, Business Evaluation and Predictions Platform

Duration: September 2021 – February 2022

Summary: Led development of interactive prediction features and a secure registration system, boosting user engagement and enhancing evaluation tools.

Responsibilities: Developed enhanced predictions feature, implemented secure registration/authentication system, accelerated customized test creation, personalized client assessments, created sophisticated logic for test answers, integrated data visualization charts, architected backend and frontend solutions, configured user permissions, optimized database queries.

Technologies: C#, ASP.NET Core, ReactJS, Redux, RxJS, TypeScript, MS SQL Server, T-SQL, Entity Framework Core, Chart.js, Visual Studio Code

Full-Stack .NET Developer, Healthcare Portal and Fitness App Integration

Duration: January 2020 – September 2021

Summary:

- Drove system migration to
- NET 5 while optimizing databases and integrating platforms for Jimu's online healthcare portal

Responsibilities: Led migration to .NET 5, designed client-side and server-side architectures, managed databases, minimized overhead queries with Dapper, integrated diverse platforms, developed unit tests and documentation, and implemented productive healthcare and fitness app features.

Technologies: C#, ASP.NET Core Web API, Vue.js, Vuex, TypeScript, Entity Framework Core, Dapper, Postgres, T-SQL, AWS

Senior ASP.NET Developer, REST API and Engineering Solution Development

Duration: July 2019 – January 2020

Summary: Pioneered high-performance REST API development and contributed to cloud-based engineering solutions with asset management and 3D BIM model integration.

Responsibilities: Created high-performance REST API, developed web architecture and server design, enhanced data import/export capabilities, contributed to asset management software, optimized backend development, implemented real-time updates with Akka.NET, maintained

WPF components.

Technologies: C#, ASP.NET Core 3.1, Akka.NET, WPF, MS SQL Server, T-SQL, Entity Framework Core, Dapper, PostgreSQL, AWS DynamoDB, SignalR

Full Stack Developer, CRM Development and Management

Duration: March 2016 – October 2019

Summary: Boosted CRM platform efficiency and integrated advanced customer relationship and order management functionalities.

Responsibilities: Developed partner registration system, managed partner discount program, implemented stock management module, integrated phone case constructor, designed specialized tracking features, established client bases, optimized transaction auditing, maintained and refined existing systems.

Technologies: C#, ASP.NET Core Web API, ReactJS, Redux, TypeScript, MS SQL, T-SQL, Entity Framework, Dapper

Full Stack Developer, Custom Phone Case Design and Order System

Duration: November 2017 – September 2019

Summary: Revolutionized phone case customization through advanced design features and streamlined order management.

Responsibilities: Developed user, product, and design modules, created front-end and server architecture, implemented an admin application, engineered custom design features using HTML, developed efficient database structures, integrated Azure file storage, managed third-party delivery APIs.

Technologies: C#, ASP.NET Core Web API, AngularJS v1, TypeScript, T-SQL, Entity Framework, Dapper, Azure DevOps

Full Stack Developer, CRM Architecture Enhancement

Duration: April 2016 – November 2019

Summary:

- Enhanced
- NET CRM platform by integrating ASP
- NET Core and Akka
- NET, focusing on concurrency management and backend optimization

Responsibilities: Integrated ASP.NET Core and Akka.NET, maintained backend structures and server architecture, developed functionalities for stock management and customer service integration, architected cross-browser interfaces, collaborated on full-stack solutions, and conducted comprehensive software testing.

Technologies: C#, ASP.NET Core Web API, ReactJS, TypeScript, T SQL, Entity Framework, Dapper

EDUCATION

- **Master's degree in Informational Technologies of Design**

KHMELNYTSKYI NATIONAL UNIVERSITY

5 years

