

Douglas Rosenberg

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Full Stack Developer- **.NET | Blazor | Angular | SQL | DevOps**

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✳️ **Dynamic full-stack .NET developer** with 3+ years of experience and a sharp focus on **Blazor** development. Daily use of **Claude Code**, **MS SQL Server**, **EF Core**, **Visual Studio**, **Dev Express Reporting**, **GH Actions/CI/CD**, **Azure**, **mobile development via Maui Blazor Hybrid**, **LLM integration**, **Powershell**, etc.

✂️ Currently working on full-stack buildout of an **ERP** system for a global nonprofit – streamlining employee management and delivering custom **reports** utilized by 500+ staff.

😊 In a prior role, championed **UI/UX design** with **Figma** and led development across four major applications using **Blazor**, **MVC**, **Syncfusion**, **SQL Server**, and **Docker**.

🚀 Versatile in **DevOps** and cloud infrastructure, with practical experience in **Docker**, **Terraform**, **Ansible**, **Kubernetes**, **Jenkins**, and certifications across **AWS** (3) and **Azure** (2).

🌐 Broadened development skills through projects in **JavaScript**, **Angular**, **React**, and the **MERN** stack – backed by a **GitHub** portfolio of 360+ repositories reflecting continuous growth and innovation.

Experience

Fullstack Developer, Franciscan Friars | February 2025 – present

✂️ Developed a custom **SQL** data-masking tool to generate sanitized development databases, establishing a standardized, secure pipeline for internal and external contributors to interface with complex **ERP** data without risk.

📱 **Launched a cross-platform MAUI Blazor Hybrid ERP app**, enabling staff to access critical workflows on mobile devices with shared UI components, secure authentication, and cloud-backed data sync.

🗣️ **Developed a voice-assisted kiosk interface** using a lightweight JS text-to-speech engine, enabling frictionless interaction for elderly users and reducing support load for staff.

📦 Orchestrated a seamless **Salesforce** integration to synchronize and reconcile disparate ERP and CRM records, ensuring data integrity and cross-platform consistency across the enterprise ecosystem.

💡 Spearheaded development of 10 dynamic features – including a directory card layout with cascading filters and a dual-mode prayer wall interface – delivering intuitive user experiences and robust admin functionality. Composed with **Blazor**, **C# .NET 10**, **MS SQL Server**, and **Syncfusion** controls.

⚙️ Engineered 2 **CI/CD pipelines** using **GitHub Enterprise Actions** and **YAML (IaC)** to automate the deployment of 10 production **Blazor** applications and a custom **SharePoint** site.

🔗 Elevated backend performance by architecting a scalable service layer, laying the foundation for a future **API** ecosystem.

📊 Designed and deployed 50 insightful reports using **DevExpress Reporting**, enabling data-driven decisions powered by a centralized **SQL Server** data store.

🔗 Reengineered a unified Data Grid solution to streamline data visualization across 50+ database tables, enhancing consistency and maintainability.

Frontend Developer, TackleAI

July-December 2024

🧑‍💻 Orchestrated end-to-end UI/UX design for four distinct applications, transforming initial requirements into sleek, user-friendly interfaces using **Figma**, **.NET Blazor**, **Syncfusion** controls, and custom **CSS**

🤝 Secured high-impact project win with a Fortune 10 client by integrating proprietary **LLMs** for document processing – teamed up seamlessly with **Python** engineers and infrastructure leads to deliver a polished solution powered by **.NET Blazor**, **SQL Server**, **KeyCloak**, and **Syncfusion**

🚀 Reimagined the Customer Portal experience from the ground up – empowered users to upload and process hundreds of thousands of files through secure, proprietary LLMs in a visually compelling dashboard built with **.NET Blazor** and **Syncfusion**

🔗 Built Admin Portal from scratch – partnered closely with PMs to uncover client onboarding flows and defined backend data requirements, crafting a scalable interface with **.NET Blazor**, **SQL Server**, **KeyCloak**, and **Syncfusion**

.NET/Blazor Developer, TC Industries

October 2023-March 2024

🏢 Engineered a robust, enterprise-grade ERP system for a global manufacturing firm – leveraged **.NET Blazor**, **MudBlazor**, **SQL Server**, and **Azure** to modernize operations from end to end

🧑‍💻 Led critical architecture sessions and captured technical insights through thorough documentation with Subject Matter Experts – bridging business needs with scalable design

🔗 Built seven foundational layers – from Database to Web interface – ensuring seamless integration across DB, Repository, Domain, Domain Services, API, and UI

🔧 Maintained and debugged four legacy systems while simultaneously developing a new platform to handle essential business processes – ensuring zero disruption during transformation

Angular/.NET Developer, Shift

March-Oct 2023

🌐 Contributed to the ongoing evolution of BridgestoneMarketing.com – a complex B2B platform – by enhancing features across **Angular** frontend, three ASP.NET servers, SQL database, and **Kendo UI** components

🌐 Engineered middleware to dynamically translate inventory content into French, adapting based on user profiles – boosting global accessibility and user relevance

⚡ Delivered high-volume feature enhancements and bug fixes with speed and precision – ensuring platform stability and continuous improvement

📦 Managed seamless code deployments across local, staging, and production environments using TFS and Azure DevOps – upholding release integrity

🔒 Executed key security initiatives leveraging **Microsoft 365, AlertLogic, and Xamin** – fortifying system resilience and data protection

.NET Developer, Skillstorm

June 2022-Dec 2022

🏠 Led development of the Congo Fulfillment API – an innovative e-commerce analogue – driving frontend design for Seller-UI and Order-Fulfillment pages using Angular, .NET API, and RabbitMQ-powered microservices

📱 Delivered *TigerPhone*, a polished full-stack Angular/.NET portal for a fictional telecom provider – empowering users to manage phone plans, devices, and billing with seamless Azure deployment

✈️ Created *ATA Airlines*, an intuitive airline management platform with CRUD functionality for flights and passengers – built with ASP.NET Core Web API, Angular, Bootstrap, SQL Server, and Entity Framework Core, deployed to Azure

AWS/DevOps accelerator, Skillstorm, Jacksonville, FL

Jan-June 2022

⚙️ Engineered a full CI/CD pipeline using Jenkins, GitHub, Docker, Kubernetes, and AWS – deployed a Python app to a production-grade environment, setting the stage for professional DevOps workflows

🌐 Built a premium, scalable AWS environment for WordPress deployment – check it out: [GitHub repo](#) [Live site](#)

💰 Designed and deployed a resilient \$11K/year hosting infrastructure featuring Load Balancing, Auto Scaling, EFS, AuroraDB, ElastiCache, and more – optimized for performance and cost-efficiency

🕸 Delivered a professional-grade network expansion plan for a growing company – developed a clear and interactive webpage using Amazon Amplify, HTML, and CSS to visualize the solution.

Saxophonist

The Before Times

🎷 Performed at hundreds of weddings and private events – bringing professionalism and heartfelt energy to a wide range of audiences

🌐 Toured nationally and internationally with a band – featured at premier venues like Chicago’s Millennium Park, Princeton University, and over 30 shows in NYC, culminating in a successful European tour

🎵 Recorded three original full-length albums as a collaborative artist and produced a solo saxophone album, *Better Than TV*, showcasing artistic range and creative identity

🎓 Taught thousands of private lessons – fostering musical growth across all ages and skill levels through personalized, high-impact instruction

★ PERSONAL PROJECTS

ArborKin – Custom Family Tree Platform (Blazor Server + Azure)

🔑 Designed a JS-free generational layout engine for dynamic family-tree rendering

✉ Built a full invite + story-writing workflow with relationship inference

🔗 Implemented Azure SQL, App Service, CI/CD pipelines, and automated migrations

BizMachina – AI-Powered Document Processing (Web + Mobile)

🤖 Architecting a cross-platform AI system for document ingestion, classification, and workflow automation

📱 Integrating MAUI Blazor Hybrid for unified mobile + desktop parity

🧠 Implementing RAG pipelines and custom MCP servers for semantic search and LLM-powered reasoning

Portfolio + Music Sites (Shared Razor Class Library)

🌐 Rebuilt two production websites using a shared Razor Class Library for unified components and styling

🎭 Implemented custom animations, responsive layouts, and optimized hosting

🎵 Integrated professional music content and branding across both sites

★ SKILLS

Core Development

- 📄 C#, .NET 8–10, Blazor (Server/WASM/Hybrid), MAUI
- ⚙️ Angular, React, TypeScript, JavaScript
- 📄 SQL Server, EF Core, DevExpress Reporting, Syncfusion

AI & LLM Engineering

- 🤖 Daily use of Claude Code and GitHub Copilot for architecture, refactoring, and rapid prototyping
- 🔍 Built custom RAG pipelines for semantic search and retrieval-augmented reasoning
- ⚙️ Developed multiple MCP servers integrated into .NET and MAUI repos
- 📄 Delivered frontends for a custom AI company, powering LLM-based document processing
- 🏢 Integrated proprietary LLMs into a Fortune 10 enterprise solution
- 🗣️ Created a voice-assisted kiosk using lightweight JS text-to-speech + prompt workflows

Cloud & DevOps

- ☁️ Azure (Az-204, Az-900), AWS (SAA/Dev)
- 🐳 Docker, Kubernetes, Terraform, Ansible
- 🔑 GitHub Actions, Jenkins, CI/CD pipelines
- 📦 App Service, Azure SQL, automated migrations

UI/UX & Design

- 🎨 Figma, responsive design, component libraries
- 🖼️ Custom animations, shared Razor Class Libraries
- 📱 Cross-platform UX for MAUI Blazor Hybrid

Other

- 📄 RabbitMQ, KeyCloak, REST APIs
- 🔒 Authentication, security, data masking

🎵 25-year professional musician (touring + recording)

Education

BS Chemistry

Tufts University

BM Music

New England Conservatory

Interests

Cycling, cooking, badminton,
coaching kids sports, playing
occasional musical gigs