

DIEGO OROFINO

Chief Technology Officer | Senior Software Engineer | Software Architecture

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🌐 <https://diego.orofino.dev/>

📍 ST. Augustine

EXPERIENCE

CTO | Senior Software Engineer | Consultant

Synapse Research Systems Inc

📅 11/2011 - Ongoing 📍 New York

High-end software development consulting solutions.

- Architected and designed first immersive digital twin analytic platform to supported over 3M users with 8M 3D models using TypeScript, .NET Core 3.1 / .NET 6
- Led team of 4 through product management, business development, and operations for new initiatives in virtual reality, 3D modeling & space visualization leading to a revenue of over 500K
- Implemented dashboard to streamline the onboarding of new users by 15% and saving \$325K a year in advertising using C#, Razor, jQuery, HTML, and CSS for .NET MVC
- Led team of 6 to develop new platform to invoice and bill over 15k PEO clients, incrementing a processing speed efficiency of 45%
- Managed a team of 6 to develop a platform generate QR code to bridge global marketing campaigns and social networking gaining conversion rate of 25%
- Engineered a NASDAQ Stock Monitoring System, the platform was suggesting trades based on user specific settings, leading to a revenue gain of over 50M for the client
- Integrated numerous APIs including Stripe, Rapidapi, Twilio, and SendGrid

CTO & Co-Founder

Echelon Inc

📅 02/2009 - 11/2011 📍 New York

- Led technology team of 10 programmers and technical leads through the development of a social graph analytic platform using Azure app services
- Translated Open Graph data utilizing the latest features of Facebook API, and Microsoft .NET 4.0
- Established coding standards including, Pascal Casing, and Camel Casing, which increased code review performance by 25%
- Implemented an algorithm to consolidate duplicates on a system with 1 million customer records in .NET Framework & Core REST API's

Technology Director/Architect

Mr. Youth LLP

📅 11/2007 - 02/2009 📍 New York

- Led team of 6 through the design and development of applications worth \$40 Million on the acquisition by LBi
- Used C#, XAML, LINQ and Entity Framework to architect thread-based e-mail system which improved user communications
- Replaced search algorithm to allow structured and serializable search criteria used on main portal which saw a 45% performance increase
- Designed data models, Tables, Views, Stored Procedure and User Defined Functions to allow the easy access to customer data
- Managed database and migration rollouts to production servers improving performance by an estimate of 20%

SUMMARY

Senior Software Engineer with 25+ years of experience in **Senior Software Engineer** and **Software Architecture** with skills in **.NET** and **C#**.

Architected and designed first immersive digital twin analytic platform to supported over **3M users** with 8M 3D models.

Seeking a Senior position at Microsoft where I bring my **Architecting** and **Design** skill in supporting empower every person and every organization on the planet to achieve more.

STRENGTHS

Leadership

Led team of 4 through product management, business development, and operations for new initiatives in virtual reality, 3D modeling & space visualization leading to a revenue of over 500K

Development and Growth

Led team of 6 to develop new platform to invoice and bill over 15k PEO clients, incrementing a processing speed efficiency of 45%.

Process Improvement

Managed database and migration rollouts to production servers improving performance by an estimate of 20%.

Communications

Managed a team of 6 to develop a platform generate QR code to bridge global marketing campaigns and social networking gaining conversion rate of 25%.

EDUCATION

Bachelor of Computer Science

Universidad Tecnológica Nacional

GPA
3.8 / 4.0

📅 01/1998

📍 Buenos Aires, Argentina

EXPERIENCE

Senior Program Manager / Senior Software Engineer

Channel Intelligence

01/2005 - 11/2007 Orlando, United States

- Led development team to deliver custom software solutions on time and within budget to increase revenue by 7%
- Designed and managed implementation of data scraping process to automatically gather specific data content from any given website using C#, ASP.NET, XML Web Services
- Lead implementation of Single Sign On (SSO) component to allow other vital applications to authenticate through centralized login
- Designed and implemented Portal GUI interface using Master Pages and Themes to allow users to rearrange objects in company's portal dashboard on .NET
- Developed window's console app that governs import/export of data from numerous sources using C#, JSON, CSV, XML
- Designed AJAX-enabled real-time product details updating for backend monitor system using C#, .NET in SQL 2005 Server

PROJECTS

Neural Radiance Field (NeRF) SpaceX Starbase Destacking Starship Modeling

2022 - Ongoing

Reconstruction of the Starbase Destacking Starship using 176 images

- <https://www.linkedin.com/feed/update/urn:li:activity:6950836099590086656/>

Mattertraffic

2021 - Ongoing New York

Metatrafic is the first data analytics platform for the emerging 3D Web/Metaverse which helps companies better understand customer interactions with their immersive experiences

- <https://mattertraffic.com>

World of Whirlpool 3D Immersive Experience

11/2021 - Ongoing

Home appliances manufacturer Whirlpool USA is turning to Pinterest to set up a first-of-its-kind immersive Matterport shopping experience

- <https://worldofwhirlpool.mattertraffic.com/?m=6LZQXNy8rTY>

Comparative Search Engine Data Harvest

2007 New York

- Integrated harvested data into our reporting platform creating a unified view for clients and marketing specialists use. Shopping.com, Shopzilla. This effort contributed to 125M acquisition by Google.

SKILLS

C# .NET Core

.NET Framework 4.8 Razor Pages

Agile Methodology Stripe API

EF6 and EF Core 7.0 WPF WCF

TypeScript JavaScript React

Node.Js Bootstrap v5.2 JSON

LINQ Azure DevOps AWS

ASP CSS E-Commerce LINQ

ASP.NET Visual Studio 2022

DevExpress SQL Server 2022

LANGUAGES

English
Native ● ● ● ● ●

Spanish
Native ● ● ● ● ●

VOLUNTEERING

Mentor / Judge

Startup Weekend 2018

TRAINING / COURSES

Android Mobile Application Development

2022 Certificate

Version Control

2022 Certificate

Microsoft Certified Solution Developer for Microsoft .NET

2015