

STEFON ALFARO

Senior Fullstack Developer | .NET, Angular, EDI X12, Integration, Logistics, MSPs, and Internal IT
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Portfolio

EDUCATION

Queen's University
Computer Science Bachelors

Kingston, ON
2012 - 2013

EXPERIENCE

Pioneering Programmers | Backend Team Leader

Remote (USA) | 2022 - 2024

- Led a backend team of 3 junior developers, overseeing recruitment, interviewing, mentoring, and technical guidance in an Agile/SCRUM environment.
- Coordinated sprint deliverables, wrote user stories, and ensured alignment with business requirements.
- Managed backend development for a high-profile Kaseya MSP software called audIT.
- Designed and implemented a custom AI platform for business document interaction.

GAPP Express Inc. | Fullstack Developer

Remote (Canada) | 2020 - 2022

- Led architecture and full-stack development for an in-house custom coded Warehouse Management and Transportation Management Systems.
- Mentored junior developers on business business operations and domain-driven design principles.
- Oversaw system design including front-end, back-end, database, cloud, and on-premises servers.
- Developed a Quickbooks Cloud integration to post invoices from our ERP systems.

DWS Logistics Inc. | Systems Analyst

Mississauga, ON | 2018 - 2020

- Solved a complex WiFi handover issue when mobile scanners went from one access point to another it disconnected from the application. No other contractor was able to solve this. I was offered a full-time job when I did. Show casing my technical expertise in networking and problem solving abilities.
- Reporting to the Vice President of Eastern Canada, I managed IT operations across four warehouses totaling 500,000 square feet.
- Led centralization of IT systems to the Azure Cloud, documenting setup and infrastructure of the Active Directory, Windows servers, and software installed on the computers..
- Oversaw security infrastructure, managing firewalls, site to site VPNs, and implementing policy to protect assets and data.

GAPP Express Inc. | IT Manager

Mississauga, ON | 2016 - 2018

- Reporting to the President, I managed comprehensive IT infrastructure of a 40,000 sqft warehouse, overseeing all network and computer systems including Active Directory and Windows servers.
- Developed a custom Warehouse Management System while mobile scanners, streamlining operations.
- Implemented X12 EDI integrations and participated in meetings with customers and trading partners, showcasing technical expertise and communication skills. Orchestrated and mapped inbound EDI X12 940, and outbound 945s and 856s for trading partners such as WalMart and SPS Commerce.

Simcoe Web Solutions | Web Developer

Barrie, ON | 2014 - 2016

- Designed and developed custom websites from scratch or with WordPress template based site.
- Used WooCommerce to setup eCommerce sites and integrate with Stripe for payment processing.
- Manage infrastructure through WHM/cPanel and DNS through CloudFlare.
- Configured custom email accounts ensuring deliverability such as SPF records.
- Client facing sales position doing cold out reach to small businesses without websites.

SKILLS

Programming Languages: C#, TypeScript, Python

Libraries/Frameworks: Angular, .NET WebAPI, Windows Forms, Entity Framework, .NET Core, Cordova, Node.js

Tools / Platforms: GIT, SignalR, Azure Functions, OpenAI, IIS Web Server, Active Directory, JIRA, BitBucket, GitHub, Visual Studios, Windows Server, Redis, Docker, Linux, BizTalk Server, Postman, Fiddler, AWS

Databases: SQL Server, MySQL, CosmosDB, PostgreSQL, Firebase

PROJECTS / OPEN-SOURCE

GAPP Warehouse management system *Angular, .NET WebAPI, SQL Database, SSRS*

Developed a comprehensive warehouse management system. Managed inventory, sales and purchase orders, and implemented mobile barcode scanning, XML import/export, 2Ship shipping and rates integration, and BizTalk EDI integration for X12 940 and 856.

TLS Transportation Management System *ASP.NET, Crystal Reports, SQL Server*

Created an end-to-end transportation management system. Handled billing, waybills, manifests, and consolidations for third-party logistics, including shipping labels, invoices, bill of lading, Fedex shipping and rates integration, and Quickbooks invoice integration.

audIT by Kaseya | Link *Azure Functions and CosmosDB*

In preparation for the announcement of Kaseya's acquisition of audIT, I lead the Backend Team as we implemented many features and integrations in this sales presentation software for MSPs with thousands of active users.

EAVA AI | Link *TypeScript, Node, Docker, Python, Rust, LangChain, Linux Server*

Developed an AI document management platform using open-source LLM and Embedding models. Implemented LLM inference (Python, Nvidia Tesla T4 GPU, CUDA, Linux), Text Embedding (Python, Docker), and Health Check (Rust HTTP API, Linux service) endpoints.

Eshpre Global CUSTOMS EMANIFEST SYSTEM *Government API Integration, PARS/PAPS*

Developed automated eManifest submission system for customs broker to comply with new Canada Border Services Agency and US Customs requirements. Integrated PARS (Pre-Arrival Review System) and PAPS (Pre-Arrival Processing System) APIs to enable electronic pre-clearance of cross-border shipments, replacing manual border processes.

Stonegate Logistics ERP DATA MIGRATION *FoxPro, SQL Server, Custom Migration Scripts*

Architected and executed complete migration of transportation management system from legacy FoxPro database to modern SQL Server infrastructure. Developed custom data transformation scripts, ensured zero data loss during cutover, and maintained business operations continuity throughout multi-phase migration process.

CERTIFICATIONS

- Advanced SQL - Kaggle - Issued by Alexis Cook on August 11, 2024
- Python - Kaggle - Issued by Colin Morris on August 11, 2024