

PARIS FARRELL

Software Engineer

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As an experienced developer who likes to get his hands dirty taking a deep dive into coding logic, I am looking to bring my experience, energy and enthusiasm for high level problem solving and development, to a high-quality company. Utilizing my educational knowledge and adequate professional experience, I hope to demonstrate my talent, contribute highly, as well as enhance my skill sets to continue bettering my professional growth.

EDUCATION

Florida Gulf Coast University – Fort Myers, FL
Graduated: December 2014

- ❑ B.S. in Computer Information Systems
 - Minor in Software Engineering
- ❑ B.S. in Marketing
 - Minor in Advertising

- ❑ C# ASP.NET Core / MVC
- ❑ Python
- ❑ HTML / CSS
- ❑ JavaScript / jQuery
- ❑ Vue.js
- ❑ Microsoft SQL Server
- ❑ Azure Cloud Development
- ❑ Web REST API Development
- ❑ Full Life-Cycle Development
- ❑ DevOps

EXPERIENCE

Time4Learning (Software Engineer II) - Fort Lauderdale, FL

June 2019 - Aug 2025

- Engineered and maintained multiple full-stack web applications supporting home learning workflows and reporting features, leveraging C# for backend logic and Vue.js for dynamic frontend interfaces.
- Developed RESTful API endpoints using [ASP.NET](#), implementing robust routing, authentication, and data serialization to support seamless client-server communication.
- Administered SQL Server databases, designing normalized schemas, creating indexed views for optimized query performance, and implementing stored procedures to encapsulate business logic.
- Utilized LINQ and Entity Framework to integrate relational data into application layers, ensuring efficient data access and manipulation across services.
- Integrated third-party APIs for payment processing, user authentication, and business intelligence, handling token-based authentication, rate limiting, and error resilience.
- Orchestrated Agile sprint deployments, managing release pipelines and coordinating feature rollouts across staging and production environments using Azure DevOps.
- Led data migration efforts from legacy systems to Shopify, transform customer and subscription datasets via ETL workflows and ensure referential integrity across platforms.
- Migrated legacy .NET and SQL-based applications to modern infrastructure on Azure Cloud, refactoring monolithic codebases into scalable microservices and leveraging Azure App Services, Functions, and SQL Database for improved performance, maintainability, and deployment agility.

- Optimized complex SQL queries by analyzing execution plans, applying indexing strategies, and refactoring joins and subqueries to reduce latency and improve throughput across high-volume transactional systems.
- Provided technical support for customer service teams by debugging application issues, analyzing logs, and tracing backend workflows to identify root causes and deliver timely fixes across production environments.
- Performed secure code modifications by implementing input validation, sanitizing user data, and adhering to OWASP best practices to mitigate vulnerabilities such as SQL injection, cross-site scripting (XSS), and authentication flaws across web applications.

Royale Caribbean (Web Developer I) - Miami, FL April 2018 - May 2019

- Architected and developed a web-based crew request management system using ASP.NET MVC, automating workflows for riding crew assignments across the company's global fleet. Implemented role-based access control, form validation, and dynamic scheduling logic.
- Built a ship optimization reporting platform using ASP.NET MVC, integrating TNF metrics and maintenance KPIs into interactive dashboards. Leveraged server-side rendering and modular controller design to support scalable reporting features.
- Administered SQL Server databases by designing indexed views for high-performance data retrieval, normalizing schemas, and implementing stored procedures to encapsulate business logic. Integrated data into applications using LINQ and visualized operational metrics via Gantt charts and Power BI.
- Operated within Agile sprints, contributing to backlog grooming, sprint planning, and iterative deployments. Collaborated cross-functionally to deliver production-ready features with continuous feedback loops.

OpticalTel (Programmer I) - Miami, FL Feb 2016 – Nov 2017

- Administered Microsoft SQL Server environments to manage all application data, including schema design, stored procedure development, and performance tuning for transactional workloads across multiple business domains.
- Enhanced and maintained the company's web platform using Adobe ColdFusion, HTML, and jQuery, implementing dynamic UI components and backend logic to support bundle creation workflows for clients and community partners.
- Supported and extended the company's financial application in C#, developing modules to import and process rebate figures for client billing. Integrated data validation routines and automated reconciliation logic to ensure accuracy and audit compliance.

Assurant Solutions (Software Developer I) - Miami, FL Dec 2014 – Aug 2015

- Designed and implemented a multilingual client portal for Nissan Mexico using C# and ASP.NET MVC, enabling full CRUD operations for claims management. Integrated localization frameworks and session-based authentication to support internationalization and secure user access.
- Engineered backend workflows for claims processing, leveraging SQL Server 2012 to manage relational data, create stored procedures, and optimize query performance for real-time updates and reporting.
- Initiated hands-on training with enterprise-grade CMS platforms Sitecore and Sitefinity, gaining proficiency in content modeling, template customization, and component-based architecture for scalable web applications.