Lynda Foster

lyndabrf@gmail.com | Phone | Portfolio | LinkedIn | Github | Burbank, CA

Summary

Computer Science graduate with a background in Finance, eager to leverage my engineering skills in a professional setting; academic and project experience includes 2 years object-oriented programming, 1 year .NET/C# web development, and 2 years SQL and database administration.

Skills

Languages: C# | JavaScript
Frameworks: ASP.NET Core (MVC Web App/API, Class Library) | Entity Framework Core
Databases: SQL | PostgreSQL
Cloud Application Platforms: GitHub | Heroku | Splunk | Azure
Other: HTML | CSS | Regex | Bootstrap | Postman | Swagger

Projects | Portfolio

lfost42/brailleAPI
- .NET REST API, manages a database of ascii braille special symbols as defined by the International Council on English Braille.
- Swagger documentation follows Open API Specification standards.

lfost42/blog | Website
- ASP.NET Full stack web application, used as a knowledge base of .NET(C#) coding and web development articles.
- Implements identity/role based access and rendering to limit article permissions to the owner while allowing users to leave comments.
- Google SMTP email service verifies user registration and forwards contact form submissions to the owner.
- Code-first approach using Entity Framework Core and PostgreSQL.

lfost42/Franchise | Website
- ASP.NET Full stack web application that evaluates the coverage health of a franchise by determining which locations (in a provided csv file) are farthest apart.
- Explores Kruskal's Minimum Spanning Tree to filter locations that can pass through other locations.
- Leveraged Unit tests (TDD) to manage scope changes as the app evolved over time.

Experience

Benefit Plans Inc, Los Angeles, CA | Employer Services Analyst | 01/2019 - Present
- Developed, implemented, and maintained digital operational procedures that manage $100M+ in monthly contribution payments to pre-taxed PH&W (pension, health, and welfare) benefit accounts.
- Produced the training knowledge base for the Employer Services department which expedited the onboarding of new employees.

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- Eliminated 40% of the processing time needed to reconcile discrepancies by automating the conversion of raw data to readable format using Excel macros and PowerShell scripts.

B'nai Hayim, Sherman Oaks, CA | Technical Coordinator (Contractor) | 04/2018 – 09/2019
- Established a system for financial reporting, database management, and website maintenance to facilitate the merging of two separate organizations.
- Created knowledge base and trained non-technical staff to independently update their website/database, maintain financial records, reconcile bank accounts, and create monthly financial reports using Quickbooks Online.
- Normalized csv data into 1st normal form for migration into an established relational database.

Volunteer

Recovering From Religion, Kansas City, KS | Web Developer | 06/2022 - Present
- Collaborate with a team of 6 developers to maintain, manage, and extend the organization's main management and chat web applications in an agile setting.
- Utilize GitHub to track issues, review pull requests, and resolve merge conflicts.
- Review, analyze, and develop client-side code in React.ts and server-side code in Node.ts in weekly stand-ups.

Congregation Beth Meier, Studio City, CA | Web Content Developer | 02/2013 - 01/2018
- Created web content on the organization's ongoing and periodic event information to increase engagement among younger families and newer members.
- Perform requirements analysis for the integration of new features and updates to develop solutions in HTML and PHP.

Certifications

Microsoft Certified: Azure Fundamentals (in progress) | Splunk Core Power User | ITIL Foundation in IT Service Management | Oracle Database SQL Certified Associate 1Z0-071

Education

BSc in Computer Science | Western Governors University, Salt Lake City, UT
      Technologies: C++, Java, Python, MySQL, Machine Learning, Web Development