Lynda Foster

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SUMMARY

Creative, detail-oriented .NET Software Engineer with a deep interest in exploring new technologies. Proven track record of creating and implementing successful software applications and RESTful API services.

SKILLS

- **Languages**: C# | JavaScript | SQL | jQuery | Powershell | Kotlin | Matlab
- **Databases:** MySQL | PostgreSQL | Oracle
- **Development Tools:** ASP.NET Core MVC | Entity Framework Core
- **Microsoft Tools:** Dynamics 365 | Power Platform | Azure | SharePoint Online | Active Directory | Outlook | Office 365
- **Cloud Application Platforms:** GitLab | GitHub | Heroku | Splunk
- **Other:** HTML | CSS | Regex | Bootstrap | Postman | Swagger

EXPERIENCE

Smoothstack - McLean, VA | Software Engineer | 11/2022 - Present
- Designed, smoke tested, and deployed fixes, extensions, and enhancements to Dynamics 365 client code using JavaScript, and jQuery
- Prepared weekly dynamic reports using CRM reporting interface and SSRS
- Developed, debugged, and deployed plug-ins using Visual Studio and C# to coordinate operations and management entities
- Participated in continuous integration improvement initiatives by identifying opportunities for streamlining processes or increasing efficiency within existing workflows/processes using root cause analyst techniques when applicable

Vermont Idea Company - Shelburne, VT | Systems Software Engineer | 10/2022
- Extracted and analyzed system requirements from Subject Matter Experts (SMEs) to understand system design, algorithms, and other specifications to translate them into systems documentation for the client, stakeholders, and software teams
- Authored, maintained, and managed systems documentation such as Software Requirements Specification
- Built, tested, and validated a Kotlin library that parsed aircraft transponder data and support integration with a distributed Android network
- Implemented physics equations to code and executed effective processes for designing, simulating, testing, and validating algorithms
- Analyzed performance using Matlab, identifying potential areas of improvement and proposing improvements/simplifications when necessary

Entertainment Industry Flex and 401k Plans - Los Angeles, CA | Employer Services | 01/2019 - 10/2022
- 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 documentation used as a training knowledge base for the department which expedited the onboarding and training 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

VOLUNTEER EXPERIENCE

JHQBraille Transcription - Laurel, DE | Braille Transcriber and Proofreader | 09/2016 - Present
- Transcribed mathematics and STEM textbooks into United English Braille and Nemeth.
- Document proofreading notes to ensure code is error free.
- Participate in daily meetings to ensure deliverables are produced efficiently and on time.

Recovering From Religion - Kansas City, KS | Web Developer Volunteer | 06/2022 - 10/2022
- Utilize GitHub to track issues, review pull requests, and resolve merge conflicts.
- Gather requirements from end users to ensure new features are efficiently implemented and maintained.
- 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.
- Review, analyze, and develop client-side code in React.ts and server-side code in Node.ts in weekly stand-ups.

CERTIFICATIONS

Splunk Core Power User | ITIL Foundation in IT Service Management | Oracle Database SQL Certified Associate 1Z0-071

EDUCATION

MSc in Data Analytics | Western Governors University | Salt Lake City, UT
Technologies: Data Mining via SQL (Oracle 12c), Python (Jupyter), R, SAS; Data Visualization in Excel and Tableau

BSc in Computer Science and Accounting | Western Governors University, Salt Lake City, UT
Technologies: C++ (Visual Studio), Java (NetBeans and Eclipse), Python (PySpark), MySQL, Machine Learning, Web Development