

Lynda Foster

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[Github](#) | [Portfolio](#) | [Blog](#)

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

- Developed system documentation to communicate software requirements, algorithms, and design specifications to the client/shareholders and software teams
- Built, tested, and validated RESTful API services using Kotlin to parse 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
- 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

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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