

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 | DevOps Engineer | 11/2022 - Present

- Developed and maintained the Continuous Integration and Continuous Delivery (CI/CD) pipeline using the following: Jira, Confluence, Jenkins, BitBucket, Terraform, Junit, pytest, SonarQube
- Designed and developed integration strategies for in-house and third-party developed software packages within multiple information system platforms using Python and Bash
- Provided technical guidance and expertise on containerization and orchestration strategies using technologies like Docker and Kubernetes
- Provided technical guidance and expertise on database and data storage technologies like Elasticsearch and MySQL
- Configured, deployed, and monitored complex software applications for various environments
- Coordinated with software developers and engineers to ensure requirements were fully met
- Followed established team-developed coding and software tools standards
- Developed work products in adherence to established security, quality control standards, and software release management protocols for software development
- Created formal design documentation as required

Vermont Idea Company - Shelburne, VT | Systems Software Engineer | 10/2022

- Extracted and analyzed software requirements from Subject Matter Experts (SMEs) to understand system designs, algorithms, and other specifications and implement as formal design documentation for the client, stakeholders, and software teams
- Translate MATLAB to pseudocode and executed effective processes for designing, simulating, testing, and validating algorithms
- 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
- Analyzed performance using Matlab, identifying potential areas of improvement and proposing improvements/simplifications when necessary

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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

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