Scott VandenToorn

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PROFESSIONAL SUMMARY

Accomplished software engineer with years of experience crafting robust full-stack web and native applications. Proven track record of ascertaining user requirements, driving product enhancements, and quickly learning and implementing new technologies. Strong communication, leadership, and problem-solving skills with the ability to understand and communicate technical concepts to non-technical audiences.

SKILLS

GitLab | DevOps | Agile Methodologies | CI/CD | Bash | PowerShell | Windows Server | Unit Testing | Accessibility | Screen Readers | Angular | Vue | Capacitor | Delphi | Java | JavaScript | NodeJS | TypeScript | Python | Salesforce | Jenkins | Jira | AWS Cloud Practitioner

NOTABLE PROJECTS

USDA Customer Check-in Kiosk: Developed a check-in kiosk for USDA Farm Service Agency offices, improving tracking of farmer interactions across 2,300 offices. Collaborated across a large organization, coordinating multiple stakeholders to align requirements and delivery. Implemented CI/CD pipelines using Jenkins to streamline deployments and ensure reliability.

VicTouch: Drove user satisfaction and rejuvenated Volgistics by spearheading the companies first Angular web application and first native application released to the App Store and Play Store. Implemented continuous integration and deployment processes to ensure rapid and efficient updates. Worked in tandem with non-technical volunteer experts to ensure customer requirements were fulfilled.

VicNet: Collaborated with multiple engineers and testers to develop a volunteer portal with a user-friendly, social media-inspired interface. Oversaw continuous integration and deployment, adapted the Angular application for native platforms, building upon the approach pioneered with VicTouch.

Volgistics Help: Converted over 700 pages of legacy help documentation to a modern VuePress project using Selenium WebDriver and Python. Engaged with non-technical individuals to ensure they were able to understand and update documentation and simplified the markdown using Vue components.

Volgistics DevOps: Facilitated Volgistics' adoption of a DevOps development process utilizing GitLab. Wrote a Python application to import over 8000 Mantis bug tracker issues into GitLab issues. Significantly reduced the workload of the IT team by automating deployments with the click of a button using GitLab runners.

PROFESSIONAL EXPERIENCE

Lead Angular Developer   April/2024 – Present
TSPi (Reston, VA - Remote)
- Contracted with the U.S. Department of Agriculture to lead the development of Angular applications for Farm Service Agency offices.
- Recognized as the go-to Angular expert; guided multiple teams in structuring Angular projects, selecting appropriate packages, and establishing best practices to ensure scalability and maintainability.
- Utilize a variety of technologies including Angular, .NET, Jenkins, and Jira.
- Leveraged TSPi's AWS Partnership to earn an AWS Cloud Practitioner certification.

Full Stack Engineer   June/2019 – May/2020, September/2020 – March/2024
Volgistics (Byron Center, MI)
- Spearheaded the development of the company's first native applications, fostering a pivotal transition that enhanced market competitiveness.
- Played a key role in facilitating Volgistics' transition to a DevOps development process, significantly increasing the rate and quality of development.
- Proactively identified and addressed operational needs, thereby driving substantial improvements and efficiencies.

- Worked hand in hand with non-technical individuals to test software, discern customer needs, and formulate solutions.

Full Stack Engineer Intern   May/2020 – August/2020
DornerWorks (Grand Rapids, MI)
- Developed an Angular on Rails application DornerWorks uses to track hours for over 200 employees, greatly decreasing the amount of time engineers spend logging hours.
- Learned core development practices from experienced engineers.

C Programming Tutor   January/2019 – April/2019
GVSU Tutoring Center (Allendale, MI)
- Provided personalized tutoring sessions to introduce the C programming language to first semester students.

EDUCATION

Grand Valley State University (3.4 GPA)   August/2017 – April/2020
Bachelor of Science in Computer Engineering