

Scott VandenToorn

Senior Full-Stack Engineer

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Summary

Accomplished software engineer with years of experience crafting robust full-stack web and native applications.

Background in modernizing legacy systems, Angular, .NET, CI/CD, and web accessibility. Certified AWS AI Practitioner and AWS Cloud Practitioner.

Technical Skills

Frontend: Angular, React, Vue, TypeScript, JavaScript, Capacitor, Webpack, Vite

Backend: .NET 8, C#, Delphi, REST APIs, SQL Server

Cloud & Infrastructure: GitLab CI/CD, Jenkins, Windows Server, PowerShell, Bash, Python

Tools & Methods: SAFe, Agile, Jira, GitLab, Unit Testing, CI/CD, A11y Expert

Experience

Lead Angular Developer — TSPi

April 2024–Present | Remote (USDA Contract)

- Led the full modernization of the USDA Receipt for Service application, migrating legacy ASP.NET Web Forms to an Angular SPA on AWS S3 with .NET 8 APIs on AWS Lambda.
- Developed a check-in kiosk for USDA Farm Service Agencies, improving tracking across 2,300 offices nationwide.
- Subject matter expert in accessibility, guided multiple teams in meeting Section 508 compliance.
- Go-to Angular expert, directed multiple teams in their architecture decisions.
- Partnered with internal teams to support API integration and application embedding.
- Automated deployments by implementing Jenkins CI/CD pipelines.
- Cultivated talent by mentoring junior developers through technical guidance and code reviews.
- Tech: Angular, .NET 8, SQL Server, Jenkins

Full Stack Engineer — Volgistics, Inc.

June 2019–March 2024 | Byron Center, MI

- Developed Volgistics' first Angular application, migrating from Delphi + JavaScript to Angular with Delphi APIs.
- Pioneered entry into the mobile market by developing native iOS and Android applications via Capacitor, expanding product reach to the App Store and Play Store.
- Significantly reduced IT workload by automating 'one-click' deployments via GitLab runners.
- Automated the migration of 8,000+ legacy MantisBT issues to GitLab via a custom Python utility.
- Modernized 700+ pages of legacy help documentation into a modern VuePress project using Selenium-driven Python scripts.
- Tech: Angular, Delphi, Vue, Capacitor, Python, GitLab CI/CD, Windows Server

Prior: Full Stack Intern at DornerWorks (Angular on Rails); C Programming Tutor at GVSU Tutoring Center.

Education

BS, Computer Engineering — Grand Valley State University, 2020

Certifications

AWS Certified AI Practitioner | AWS Certified Cloud Practitioner | SAFe Practitioner