

Samuel Stidham

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Career Summary

Results-driven Software Engineer with 10+ years of experience in full-stack development, specializing in backend technologies, CI/CD automation, and cloud-native solutions. Proven problem-solver and Agile leader with expertise in optimizing software performance.

Skills Summary

- **Languages:** PHP, JavaScript, Go, Python, Ruby, C, C++, Zig
- **Frameworks:** Laravel, Symfony, Django, AngularJS, Vue.js
- **Architecture & Design:** System Design Docs, API Design, UML (Unified Modeling Language), ERD (Entity-Relationship Diagramming), LaTeX, Lucidchart, Excalidraw
- **AI & Data:** Natural Language Processing (NLP), LLM Integration, ChatGPT, Gemini, GitHub Copilot, Cursor
- **Cloud Technologies:** Cloudflare (CDN, Full-Page Cache, WAF), GCP
- **Databases:** MySQL, PostgreSQL
- **DevOps/Infrastructure:** Ansible, Jenkins, GitHub Actions, Drone, Kubernetes, SSL Certificates, DNS, Hashicorp Vault
- **Developer Tools:** Git, Laravel Valet, Laravel Herd

Education

Southern New Hampshire University

Bachelor of Science in Computer Science | Sept 2025 – Current

- **Concentration:** Software Engineering
- **Minor:** Mathematics
- **Expected Graduation:** October 2028
- **Current Accumulated GPA:** 4.0

Somerset Community College

Associates of Applied Science in Information Technology | August 2007 – May 2009

Personal Projects

Audio-Transcribe-and-Summarize | Open-Source Python Project

- Architected a Python application to automate audio transcription from video files using local, privacy-focused speech-to-text models.
- Integrated a local Large Language Model (LLM) to perform natural language processing (NLP) tasks, specifically generating concise summaries of the transcribed text.
- Engineered the application to be fully open-source, focusing on modularity and ease of use for other developers.

Certifications

Certified Scrum Master | Scrum Alliance | Issued: October 2022 – Present

- Credential ID: 1665584

Experience

Bayer | Technical Delivery Lead (Contract) Sept 2025 – October 2025

- Guided cross-functional engineering teams using a servant leadership approach to foster accountability and technical ownership.
- Championed the “You Build It, You Own It” mindset by cataloging all technology assets within ServiceNow for full lifecycle visibility.
- Partnered with developers and stakeholders to align delivery priorities and ensure transparent process governance.
- Designed and implemented Excel-based tracking and reporting tools to monitor technical initiatives and ensure compliance.

WP Engine | Software Engineer January 2022 – August 2025

- Managed and maintained over 20 cloud-native services (Go, PHP, Python) on GCP, leveraging Kubernetes, Docker, and Jenkins CI/CD pipelines.
- Executed a critical DNS migration, programmatically transferring over 1 million domains to new Cloudflare zones using an idempotent script.
- Oversaw large-scale WordPress hosting solutions, managing Cloudflare WAF/CDN security, SSL certificates, and DNS services.
- Drove agile methodologies, led technical planning sessions, and actively participated in the engineering hiring process to build a diverse and effective team.

Averitt Express Inc | Senior PHP Programmer February 2019 – January 2022

- Engineered internal web applications using the Symfony (PHP) framework within a Test-Driven Development (TDD) environment.
- Built modern frontends using AngularJS and Vue.js, designing and implementing secure roles and permissions systems.
- Integrated applications with diverse backend systems, including MySQL, AS/400, and Active Directory, applying OOP and MVC principles.

Webbed Sphere Inc | Senior Programmer November 2018 – February 2019

- Architected and developed PHP SDKs for the Walmart and Sellbrite APIs using a TDD approach.
- Led the migration of internal administrative tools to the Laravel framework.
- Spearheaded a large-scale PostgreSQL database refactoring, normalizing a complex schema (700+ tables) to the third normal form to improve efficiency.

Cosby Harrison Company | Software Development Manager April 2018 – October 2018

- Led an agile team of 4 programmers, managing software projects and serving as the primary liaison between the team and stakeholders.
- Drove the complete refactoring and modernization of legacy Perl web applications to improve scalability and performance.
- Ensured high code quality by establishing best practices and conducting rigorous code reviews.

Webbed Sphere Inc | Senior Programmer November 2013 – April 2018

- Led full-stack development of a core e-commerce application using AngularJS, PHP, and Node.js.
- Executed a massive legacy modernization project, upgrading a 7,500+ file codebase from PHP 4 to PHP 7.0+ and refactoring the architecture to MVC.
- Integrated essential third-party APIs for e-commerce (eBay, Amazon), shipping (UPS), and cloud storage.
- Optimized the development workflow by implementing Git and Gulp.