

# STEPHEN MATHENY

## Full Stack Software Engineer

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### SUMMARY

Full stack software engineer with 5+ years of experience building scalable, user-focused web applications using Laravel and React, with strong expertise in backend architecture, data modeling, and UI/UX optimization.

### EXPERIENCE

#### Solutions Arkitect | Founder & Software Engineer | March 2025 — Present

Founded and built custom web applications to support workflow automation for educators and school staff.

Led end-to-end development, from requirements and architecture through deployment.

Designed and maintained scalable backend systems using Laravel and relational databases.

Built responsive, accessible front-end interfaces with React and modern CSS.

#### NCS Credit | Software Engineer | August 2022 — May 2025

Built PHP ingestion pipelines processing 10K+ client files monthly, reducing manual data entry.

Partnered with sales and engineering teams to support client onboarding solutions.

Wrote complex SQL queries, including recursive joins and CTEs.

Contributed to the architecture of Laravel-based backend systems.

#### friEdTechnology | Software Engineer | January 2022 — August 2022

Built Google Workspace add-ons and workflow tools using Apps Script.

Developed automation tools and supported adoption with education departments.

#### Kincaid IT | Software Engineer | June 2021 — January 2022

Sole developer of a public Google Workspace add-on, handling front end, backend, and OAuth.

Managed the Google Marketplace approval and publication process.

#### Hudson ISD | Computer Science, CAD, and Mathematics Teacher | June 2017 — June 2021

Taught foundational programming concepts using JavaScript, PHP, and SQL.

Built internal web tools to support classroom workflows.

#### Livingston ISD | Mathematics Teacher | June 2015 — June 2017

Built custom web applications for student tracking and instructional planning.

Designed data-driven lessons and assessments.

### TECHNICAL SKILLS

**Frontend:** React, Inertia.js, Vite, Tailwind CSS

**Backend:** Laravel, PHP, REST APIs

**Data:** MySQL, PostgreSQL

**DevOps & Tooling:** Docker, Git, CI/CD

### EDUCATION

#### Bachelor of Science — Interdisciplinary Studies — Mathematics

Stephen F. Austin State University

2010-2015