Easton Nielson

Software engineer

contact@eastonnielson.dev · eastonnielson.dev · github.com/Tallidus

The best way to reach me is by email. contact@eastonnielson.dev

About

I'm a software engineer who builds full-stack web applications and developer tools, from initial design through deployment. My work centers on practical AI integration, clean TypeScript and React interfaces, and self-hosted infrastructure that I run and maintain myself. I care about building software that is secure, reliable, and genuinely useful to the people who depend on it.

Education

Utah Valley University

2022 - Present

Software Engineering

Experience

Software engineer

Present

Independent projects

Designing, building, and deploying software under my own name. Add employment history here when you want it on the page.

- Build applications that let users connect their own AI provider keys, keeping credentials private and usage transparent.
- Ship full-stack web products across ecommerce, productivity, and interactive tools.
- Create learning tools with features such as document import, flashcards, and math rendering.

Skills

Languages TypeScript, JavaScript

Web Next.js, React, Node.js, Tailwind CSS, MDX

Product work

SDKs and developer tools, Ecommerce storefronts, AI application features, Authenticated content tools

Featured projects

My Garage

An Android garage manager for vehicles, maintenance, fuel, inspections, and OBD-II diagnostics. Data stays on the phone.

Project page: eastonnielson.dev/projects/my-garage

Download: eastonnielson.dev/downloads/my-garage/my-garage-1.4.1.apk

Cadence

An AI-verified coding task loop. Each step is checked before the next one starts.

Project page: eastonnielson.dev/projects/cadence · Live demo: cadence.eastonnielson.dev

BYOKI

Bring Your Own Key Integration. A TypeScript SDK so users connect their own AI provider keys.

Project page: eastonnielson.dev/projects/byoki · Live demo: byoki.eastonnielson.dev · GitHub: github.com/Tallidus/BYOKI

Skyline

A Next.js ecommerce storefront example for outdoor goods, with collections and product pages.

Project page: eastonnielson.dev/projects/skyline · Live demo: skyline.eastonnielson.dev

Study Buddy

A student study aid for flashcards, document import, and AI-assisted review.

Project page: eastonnielson.dev/projects/study-buddy · Live demo: study.eastonnielson.dev

Dungeon Assistant

A D&D assistant that generates creature, character, and location cards in the browser.

Project page: eastonnielson.dev/projects/dungeon-assistant · Live demo: dungeon.eastonnielson.dev

Self-hosted server

The server that hosts this website and the live project demos.

Project page: eastonnielson.dev/projects/self-hosted-server · Live demo: eastonnielson.dev