

Andrew D. Gundersen

andrewgundersen.net

Software developer and startup founder with 7 years of experience driving innovation in cross-functional settings from enterprise software engineering, to fast-paced AI startups and freelance endeavors.

Work Experience

Freelance Developer, Self-Employed

2025 -

Led user experience design and engineering for [Ezre](#) and [Reliable Residence](#), forging roadmaps, architecting software systems and maintaining high levels of communication with stakeholders.

Python, FastAPI, TypeScript, Next.js, Stripe, React.js, Vue.js, Postgres

Software Engineer, Accenture

2021 - 2025

Wrote data aggregation functions in Java/Spring Boot to power frontend data queries for a global banking client. Developed UI components for [AI Navigator](#) using Next.js/React. Architected a configurable form wizard in AngularJS with a declarative JSON config system to support an office equipment checkout application. Taught an Angular fundamentals class (covering the JavaScript event loop) and gave a talk on the powers of vertical integration, demoing [Pico-HTTP](#).

JavaScript/TypeScript, Angular, Java, Spring Boot, Groovy, Next.js, C, React.js, CSS

Co-Founder and CEO, Crimata

2019 - 2021

Built [ML Audio Enhancer](#), an AI model to upsample low-resolution audio into wide-band, high-definition audio, and worked on [PoE Relay Device](#). Pivoted to AI-powered audio messaging and created Crimata's namesake application, [Crimata Messenger](#). Conceptualized and developed [Nodeaudio](#) for enhanced audio processing.

Python, JavaScript, C, multi-threading, multi-processing, event-driven, queues, authentication, SQL, Vue.js, CSS, TensorFlow, Adobe XD, NGINX, port-forwarding, Electron, NumPy, PortAudio, GTK, e2e testing.

Education

BS in Engineering Physics, Minor in Business, Xavier University

2019

Developed a brushless three-phase DC hub motor featuring a Halbach magnet array.