# Andrew Gundersen

Software Engineer with 6 years of experience in web, fullstack, and low-level systems. Enjoys playing tennis, golf, and pursuing entrepreneurial ventures.

**Contact**

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## Technical Skills

**Languages**

- Python
- JavaScript
- HTML/CSS
- C
- SQL

**Tools**

- React, Vue
- Node, Next, Express
- HTTP, Websockets
- PortAudio, GTK
- TensorFlow

**Ecosystems**

- Python **(AI/ML)**
- Fullstack
- Embedded

## Work Experience

### Senior Software Engineer, Reliable Residence

**Oct 2025 - Present**

- ✦ Stabilized production environment while charting the path towards v2.
- Refactored notifications by removing redundant code and adding SMS.
- Leveraged Stripe to broker payments and perform identity verification.
- Migrated from Firebase to AWS to remove scaling bottlenecks.

### Software Developer, Accenture

**Jun 2021 - Feb 2025**

- ✦ Built and maintained web apps for banking and healthcare clients.
- Optimized frontend by removing redundant code and increasing test coverage.
- Upgraded comment system with replies, reactions, and simplified code.
- Collaborated with design teams to refine wireframes, speeding up development and reducing revisions.
- Developed a form wizard to deploy configurable forms across internal tools.

### Co-Founder and CEO, Crimata

**May 2019 - Jun 2021**

- ✦ Developed an audio messaging app with AI-powered recipient detection for hands-free conversations.
- Built an intuitive, cross-platform frontend supporting audio and text messaging.
- Designed and trained a custom neural network to improve audio quality.
- Managed a cross-functional team, leading hiring, sprint planning, and daily operations.

## Projects

### ML Audio Enhancer

Designed and trained a neural network to enhance the fidelity of conference call audio.

## Education

### Xavier University

**Aug 2015 - May 2019**

B.S. in Engineering Physics