

Andrew Gremlich

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Professional Experience

Senior Software Engineer - *WGU*

Jan 2025 - Current

- Enhance the self service enrollment to serve thousands of matriculating students. Engineer a new data transform stream service to funnel thousands of messages to an AI chat provider, reducing turn-around times for enrollment counselors.

Software Engineer & Conflict Coach - *Self-employed*

Sep 2024 - Current

- Gather user requirements and develop CAD-type application that facilitates a faster turnaround time for amputees to receive a 3D printed socket for a residual limb.
- Listen to, validate, and coach clients to become confident in their conflicts so that they may find solutions.

Software Engineer - *Anonym Labs*

Sept 2023 - Nov 2024

- Designed and developed secure and scalable API services and web applications with React, Node.js, AWS CDK, OpenAI, and Rust to help users reclaim their collected data. Enhanced and maintained existing AWS CDK projects, including modifying Lambda functions and DynamoDB configurations.

Senior Front-end Developer - *Jane Marketplace*

June 2022 - Sept 2023

- Improved user engagement by reducing web page load time and improving the user's shopping experience. Re-platformed the website on AWS Amplify, consolidated dispersed shared components into one repository, and mentored junior developers.

Front-end Developer - *Fedex Services*

May 2020 - June 2022

- Increased warehouse agent productivity by coding a warehouse inventory management application in Angular. The warehouse inventory application is a mono-repo managed by NX and the application is used in select FedEx warehouses across the world. Established a new UI automation framework with Playwright and Typescript.

Front-end Developer (Contract) - *The Church of Jesus Christ of Latter-day Saints*

August 2018 - April 2020

- Developed a new history research web application using React and Next.js. Followed global style guides with CSS. Sustained existing legacy web applications.

Software Developer - *General Motors*

April 2017 - July 2018

- Built a customer service representative web application in Angular. Insourced data transformation pipelines using Bash and Oracle scripts, saving GM millions of dollars in vendor contracts. Constructed a testing application for ETL processes with Nodejs.

Frontend Developer - Brigham Young University - Idaho

May 2015 - Dec 2016

- Added to a student's learning experience by making web applications for courses' curriculum. Boosted development experience in mass producing online courses by making web application tools. Lead and coordinated work among a team of 40+ students.

Education

Bachelor's of Applied Science - Web Design and Development

Brigham Young University-Idaho

September 2014 - December 2016

- Studied front and back end web development, system design, documentation, network security, database design and development, human computer interaction, and graphic design.

Transformative Mediation Certification

Utah State University

April 2026

Whimsical Animations Certification

Josh Comeau

May 2026

Skills

- **Frontend technologies:** JavaScript, TypeScript, React, Next.js, Remix.js, Svelte, Angular, Redux, CSS, Tailwindcss, Styled Components, Material UI, Bootstrap, NX, Playwright, Jest, Vitest
- **Backend technologies:** Express.js, Node.js, Rust, Java, Spring Boot, Postgres, SQLite, Oracle, OpenAI API
- **Deployment:** Netlify, Vercel, AWS, Docker, Digital Ocean, Github Actions, Jenkins