

Tim Cottrell

full-stack developer | father | aspiring woodworker

[LinkedIn](#)

✉ tsam.cottrell@gmail.com

📍 Sandy, UT

☎ (801) 419-3384

Education

B.S. Software Development, University of Utah, Salt Lake City

August 2018 — May 2024

Skills

Mobile Development (Flutter, Kotlin)

Python (FastAPI, Django, Pandas)

OOP (Java, C#, C++)

Web Development (HTML, CSS, TypeScript, Angular, JavaScript, React, JQuery, AJAX)

Database Management (MySQL, SQLite)

Cloud (AWS EC2, RDS, Lambda, API Gateway, Amplify)

Employment History

Junior Software Engineer, CareCrew, Salt Lake City

November 2024 — Present

HotWire, Ruby on Rails, Swift, Kotlin

- Developing a mobile app, using HotWire, to simplify and coordinate care for elderly loved ones
- Regularly researching latest technologies and trends to create an innovative app and experience

Mobile Application Developer, University of Utah NAL Lab, Salt Lake City

August 2023 — May 2024

Flutter, Python, MySQL, AWS

- Developed a cross-platform mobile concussion testing app by leveraging Flutter, saving clinics money and time by making testing easy and more accessible ([Link](#))
- Participated in all aspects of the software development lifecycle of the mobile app

Software Engineering Intern, L3Harris Technologies, Salt Lake City

June 2022 — December 2022

Angular, TypeScript, HTML, CSS, LESS, C#

- Developed Angular components for an interactive web app used to monitor modem status and live data flow, delivering instantaneous updates to users
- Collaborated with teammates to deliver high-quality user experiences and achieve shared goals
- Managed, recorded, and reviewed development progress on Jira daily, maintaining standard methodologies within the team

Salesforce Intern, University of Utah UIT-CRM, Salt Lake City

February 2021 — June 2022

Apex, JavaScript, HTML, CSS, SQL, LWC

- Documented system configuration and usage, and trained users in a fast-paced environment while wearing multiple hats, guaranteeing high standards of quality and efficiency
- Personally led efforts in on-boarding, discovery, design and implementation, and articulation of complex ideas, ensuring a uniquely crafted experience
- Created and deployed to production a configurable search component, enabling users to find contacts by any field more efficiently
- Developed and deployed to production a flexible automatic field history tracking feature, allowing users to audit record history for any record type

Projects

Chat Web Application

React, JavaScript, Tailwind CSS, Python, FastAPI, SQLite, REST, OAuth

- A chat application that enables users to securely message each other, and retain a history of chats. Supports authenticated users, an API to retrieve chat data, and a responsive front-end.

Learning Management System Web Application

HTML, CSS, JavaScript, Python, Django, AJAX, jQuery

- An LMS created using the Django framework. This web application supports user roles, database queries and updates, table sorting and filtering, file uploads and more.

Personal Website

React, JavaScript, Tailwind CSS, HTML, AWS Amplify

- Leveraged Tailwind CSS and React to create a responsive and high-quality website ([Link](#))

Hobbies

Carpentry, Wood Carving, Film Photography, Camping