

Ethan Tubbe

tubbeethan@gmail.com | ethan-pt.dev | github.com/ethan-pt

Summary

I'm a passionate and ambitious full-stack software engineer transitioning from the service industry, eager to make my mark in tech after four years of programming as a hobby. I specialize in backend Python development, although my real specialty is my adaptability and proficiency in quickly learning any tool, framework, or language necessary to accomplish my goals.

Skills

Languages: Python, JavaScript, HTML, CSS

Frameworks: Django, Flask, Electron

Technologies: Google Cloud Platform (GCP), Docker, Git

Projects

SnapSort — JavaScript, Electron, HTML, CSS

- Built a desktop application in Electron, allowing users to directly interact with and create image directories, saving on time and server costs
- Utilized dcraw image decoder to extract image metadata and thumbnails for displaying, empowering photographers to sort raw image files, retaining color data and resolution
- Designed a responsive UI, allowing photographers to easily and intuitively pick their best shots, conserving time and energy

Reading Tracker Website — Python, Django, HTML, CSS, Docker, GCP

- Implemented robust search functionality, leveraging Google Books API integration to enable users to find books based on various criteria, facilitating effortless book discovery
- Utilized Django's built-in Object Relational Mapping (ORM) alongside Postgres, allowing users to save their reading data in conjunction with their profile
- Ensured optimal website performance and usability across platforms by developing a responsive design, enabling seamless access and tracking of reading materials on desktop and mobile devices.

Tab Saver Chrome Extension — JavaScript, HTML, CSS

- Accomplished seamless cross-device tab management by implementing storage synchronization, enabling users to access saved tab groups on any device
- Enabled quick access to frequently used sets of tabs, streamlining workflow and enhancing user productivity
- Implemented an intuitive interface with easy-to-use controls for saving and reopening tab groups, ensuring a smooth user experience
- Ensured data security and privacy, demonstrated by encrypted synchronization, by leveraging Google's authentication and encryption protocols