Ethan Tubbe

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Summary

Self-taught software engineer with a background in food service, where I honed strong teamwork, communication, and problem-solving skills. Known for a strong work ethic, adaptability, and a passion for development, I love tackling puzzles and am eager to apply my technical abilities and fast-learning mindset to my first professional role in tech.

Skills

Languages: Python, JavaScript, HTML, CSS
Frameworks: Django, Flask, Electron
Technologies: Google Cloud Platform (GCP), Docker, Git, Linux, PostgreSQL

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