TAYLOR TOBIN

Software Engineer

My primary focus is to build useful and necessary solutions. I try to learn and leverage new technologies to build the best products possible. I enjoy elegant, minimalist designs that provide a simple, effective user experience and the process of bringing creative and innovative ideas to life.

Proficent

HTML, SCSS (CSS), React, React Native, Vue, JS, TypeScript, Flask, Python, Laravel PHP, PostgesSQL

Familiar

Ember (JS), Node (JS), Android (Java), C++

Interests

Connect

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Hero Services / Fluid Resource Management, Arroyo Grande, Ca

Lead Software Engineer October 2021 - Present

Hero Services is a Water/Wastewater Consulting company under the umbrella of Ellison Environmental, along with Fluid Resource Management (**FRM**) and **Cloacina**. I started with **FRM** and developed **Hero Builder™**, which grew into a new software/consulting company called **Hero Services**.

- Designed, architected and led a small team in the developing **Hero Builder™** (React, Flask, Postgres and Redis)
- **Hero Builder™** is used to:
  - Manage and maintain compliance standards at 100+ water/wastewater facilities operated by **FRM** in CA
  - Maintain compliance during the warranty period of any **Cloacina** Package Plant that is deployed for the first 2 years
  - Support ~500 users in the office and in the field
  - Worked with **Cloacina** to develop a proof of concept for integrating with their onsite SCADA systems using an Ewon Flexy device (Java)
  - Designed and scaffolded an operator Mobile App to bring more usability to onsite operators using React Native

Sunrise Integration, Hollywood, Ca

Software Engineer September 2019 - October 2021

- Handled several large scale data migrations, the largest of which migrated +20,000 Customers, +16,000 Orders, and +680,000 Coupons from Big Commerce to new Shopify Environment
- Contributed to 2.0 Launch of our proprietary software **Warehouse Connector** by transitioning from Laravel Blade templates to Vue components and adding new functionality, components and optimizations

PXL Agency, Downtown Los Angeles, Ca

Intern February 2016 - July -2016, Full Stack Developer July 2016 - May 2019

- Led frontend development for **Paramount Movies** new platform site and assisted in the api and database design/development (Vue, Laravel)
- Teamed up with **Dreamworks Animation** to build a custom Swiper.io slider featuring a responsive fullscreen video background, full screen video model for each featured movie, and custom slide transitions (Vue, Laravel)
- Worked with **New Regency** to relaunch their website and added a new feature to create custom pages and facilitate licensing movies to their new international team's growing clientele (Laravel)
- Built a custom api for **TicketBot** that aggregated data from the Fandango, Cinepass, and Atom apis, worked with Wit.ai to train an AI chatbot and wrote scraping algorithms to gather over 30,000 events.
- Assisted in the development of a new site for the relaunch of **PXL Agency** and led development on maintenance updates going forward (Ember)

B.S. Computer Science, Cal State Long Beach

Graduated May 2018

Relevant Courses: Computer Security, DB Architecture, Technical Writing, C++, OOP (Java)