

# TAYLOR TOBIN

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## SUMMARY

My primary focus is learning and leveraging new technologies to build optimal solutions to real-world problems. I appreciate elegant, minimalist design that delivers a clear and effective user experience. I have a passion for bringing creative and innovative ideas to life.

## EDUCATION

Bachelor of Science in Computer Science, CSULB - Graduated May 2018

## PROFESSIONAL EXPERIENCE

### Founding/Lead Software Engineer

Hero Services, Arroyo Grande, CA

October 2021 - Present

I designed and developed a prototype of Hero Builder™, a web application for managing compliance, maintenance and operational standards at water/wastewater facilities. Then I hired and managed another engineer to assist with the project development and release to several external clients and all internal facilities.

- Technologies: Typescript (React, React Native), Python (Flask), PostgreSQL, Redis, Docker, AWS (Cloudformation, CodeBuild, ECS, Lambda, S3), Testing (Cypress, PyTest), Java
- Supports 150+ facilities, 500+ users and 30,000+ compliance records with a 99% uptime since 2022
- Delivered a scalable, cloud-based solution with custom environments for enterprise clients.
- Reduced onboarding time for new clients from 3-4 weeks to 1-2 days
- Brought clients from paper data sheets to a cloud solution with validation, automation and recoverable backups
- Implemented Web Sockets for resource locking, preventing data conflicts and loss, ensuring client confidence
- Integrated with Google Maps API to provide site maps allowing authorized operators to navigate sites
- Leveraged Microsoft Graph API for SharePoint and PowerBI integrations, enhancing data visualization
- Developed Hero Builder Mobile, an offline-first mobile app to support field operators

### Software Engineer

Sunrise Integration, Hollywood, CA

September 2019 - October 2021

- Technologies: JavaScript (Vue), PHP (Laravel), MySQL
- Contributed to 2.0 Launch of our proprietary software Warehouse Connector by transitioning from Laravel Blade templates to Vue components with new functionality and optimizations for code readability and faster implementation
- Handled large scale data migrations between eCommerce platforms. The largest of which migrated +20,000 Customers, +16,000 Orders, and +680,000 Coupons from Big Commerce to Shopify

### Full-Stack Developer

PXL Agency, Downtown Los Angeles, CA

July 2016 - May 2019

- Technologies: JavaScript (Vue, Ember), SASS, PHP (Laravel), SQL
- Led frontend development for Paramount's new website, featuring sorting and filtering of 1000+ movie archive
- Developed a feature for New Regency to allow licensing movies to their international clientele, by updating their CMS with custom pages to streamline the process and provide tracked URLs for each client
- Worked on a new DreamWorks Animation company website which showcased their extensive movie catalogue
- Contributed to several experiential marketing campaigns for movies including Deadpool, X-Men, Planet of the Apes, The Hate You Give and Bleed for this.
- Leveraged wit.ai to train AI Chatbot for TicketBot, aggregated data from Fandango, Cinepass and Atom and wrote scraping algorithms for an addition +30,000 events.