wenchaopin@gmail.com

626-731-9399

Colorado Springs, CO 80923

U.S. Citizen

Skills

JavaScript (ReactJS, NodeJS, jQuery)
HTML5/CSS3(SASS, Flexbox, Bootstrap, Animation)
Integration (RESTful API, Ajax, WebSocket)
Database MySQL/PostgreSQL (CRUD Operations)
AWS (API Gateway, Lambda, DynamoDB, EC2)
Python
PHP (Laravel framework)
TOOLS (Gitlab, Webpack, Git, Postman, NPM)

Education

06/2012
Bachelor of Science:
Electrical Engineering
University of California, Riverside
Riverside, CA

09/2016
Master of Science:
Computer And Information Sciences
California University of Business And Technology
Hacienda Heights, CA

Websites, Portfolios

WWW: [Bold Profile](#)

- https://www.linkedin.com/in/chaopin-web-developer
- https://unisco.com/
- https://xpower.com/
- https://airchaser.com/
- https://lotuspetfoods.com
- https://centinelafeed.com/

Chaopin Wen

Summary

Experienced **Full-Stack Developer,** I specialize in creating innovative solutions to optimize operational efficiency and enhance user experiences. My expertise spans **full-stack development**, **custom web application, eCommerce platforms, UI component libraries, real-time truck monitoring system, AI-driven object detection and automation.** I have a proven track record in designing and deploying custom websites and management systems, to streamline and enhance business operations.

Experience

Unis Fulfillment - Senior Software Developer
Buena Park, California
01/2023 - Current

- Develop and integrate AI-powered features for unisco.com and the in-house Yard Management System (YMS), including parking spot and dock door status monitoring, real-time truck tracking, freight damage detection - enhancing yard visibility and operational efficiency.
- Develop a real-time truck monitoring feature in the YMS to track inbound and outbound traffic by capturing and verifying truck's license plates and container IDs through integrated web-based OCR and camera feeds.
- Programmed a robot dog to autonomously patrol the yard, perform container count via RFID scans, and stream the camera feeds and live data to the YMS dashboard for real-time monitoring.
- Develop an RFID-based verification feature in the YMS to ensure accurate truck-to-dock pairing, reducing misdocking incidents and improving location tracking.
- Led the design and implementation of a scalable design system and reusable UI component library, standardizing the frontend architecture across multiple teams and accelerating development cycles.
- Created and deployed an AI-powered chatbot within the internal WMS interface to enhance user support, enabling automated FAQ resolution and reducing support ticket volume.

Centinela Feed and Pet Supplies - Full Stack Developer
Torrance, California
11/2021 - 01/2023

- Build and implement features on LOTUSPETFOODS.COM and CENTINELAFEED.com, such as the Quiz Reward app, review system, store locator, pet feeding calculator, admin dashboard, subscription popup, and interactive blog.
- Utilize Mailchimp's API to segment subscribers into multiple groups, and create email campaigns. Integrate Stripe and Shippo's APIs to streamline the website's payment and shipping processes.
- Enhance the site's performance and SEO ranking by researching customers' behavior with Ahrefs, Google Analytics, Hotjar, and Crazy Egg.
- Rebuild the current website on the Salesforce Commerce Cloud platform.

Interests

Avid cyclist and hiker – enjoy mountain treks and endurance rides; passionate about music and play drums recreationally.

Customize the pet feeding calculator and integrate Service Cloud, Zenkraft (Bringg), and Yotpo review apps to achieve a full eCommerce experience.

XPOWER Manufacture Inc - Web Developer
City Of Industry, California
03/2017 - 10/2021

- Build AIRCHASER.COM and XPOWER.COM by using HTML/CSS for the front-end layout, and utilize JavaScript/jQuery to perform DOM manipulation and add dynamic functionality.
- Collaborate with design and development leads to create full websites and applications from scratch. Turning PSD file into fully functional e-commerce website. Responsive Web Design across all devices.
- Customize website via WordPress WooCommerce platform. Design and implement new features and functionalities. Ensure high-performance and availability and manage all technical aspects of the CMS.

Cybertan Corporation - Application Engineer
Orange, California
09/2012 - 02/2015

- Provide on-site VLSI hardware schematic review/demonstration with customers. Perform hardware analysis and interact with engineering development teams to provide solutions to various issues.