

SHANDA WANG

FULL STACK SOFTWARE ENGINEER

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TECHNICAL SKILLS

- **Languages:** JavaScript, Python
- **Frameworks/Libraries:** Flask, React, Redux, Node.js, Express.js
- **Databases:** SQLite3, SQLAlchemy, PostgreSQL
- **Tools/Platforms:** AWS, HTML, CSS

PROJECTS

CALENDA ME | [Github](#) | [Live](#)

Technologies Used: JavaScript, Python, Flask, React, Node.js, SQLAlchemy, AWS

A full-stack calendar management application to streamline scheduling and appointments within 2 weeks (solo project).

- Implemented role-based user authentication with **Flask Login**, ensuring secure profile management and access control.
- Created advanced invitation features allowing users to send, accept, or decline appointment requests, utilizing **Flask** routes and **SQLAlchemy** for event handling.
- Integrated real-time friend communication using **WebSocket (gevent)**, enabling live chat functionality between friends.
- Utilized **AWS S3** for file storage, enabling users to share event-related documents securely.
- Designed a responsive UI using **CSS Grid** and **Flexbox**, ensuring optimal performance across different devices with **Media Queries**.
- Used **React Hooks** and **Redux Thunks** to manage state and asynchronous actions, optimizing the handling of event data and automated reminders.

ARTISAN ALLEY | [Github](#) | [Live](#)

Technologies Used: JavaScript, Python, Flask, React, Redux, Node.js, SQLAlchemy

A full-stack application for artisans to showcase and sell handmade products within 1 week (group project).

- Integrated full **CRUD** functionality for managing product listings using **Flask** and **SQLAlchemy**, enabling users to create, update, and delete products..
- Built a custom image management system for uploading and managing product images stored locally on the server.
- Optimized API routes in **Flask** for efficient data retrieval and faster product searches, enhancing user experience.
- Designed a responsive UI using **React**, ensuring that the interface adapts to different devices and screen sizes by **Media Query**.

EXPERIENCE

FOUNDER • November Memento Inc • San Jose, CA

Dec 2023 – Present

- **Risk Management & Efficiency:** Founded a company dedicated to helping clients mitigate financial risks, resulting in an average 20% reduction in financial exposure and a 15%-20% increase in client savings through tailored financial management strategies.
- **Cross-Functional Collaboration:** Partnered closely with clients' software engineering teams, leading to a 30% improvement in data management efficiency and a 25% reduction in processing time through the implementation of bespoke solutions.
- **Product Management & Leadership:** Managed the entire product development cycle, from gathering requirements to deployment, successfully delivering software solutions that aligned with client goals, on time and within budget.
- **Customized Solution Delivery:** Delivered tailored solutions that enhanced operational efficiency by 30% and reduced risk exposure by 25%, contributing to significant improvements in client performance metrics.

EXPERIENCED STAFF • Moss Adams. LP • Campbell, CA

July 2023 – July 2024

EDUCATION

APP ACADEMY • Full Stack Web Development

Completed 09/2024

TULANE UNIVERSITY • Master of Accounting — New Orleans, LA

May 2021

UNIVERSITY OF CALIFORNIA, RIVERSIDE • Bachelor of Science in Business Accounting— Riverside, CA

Sept 2019