

# 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

### EXPERIENCE

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#### FOUNDER / SOFTWARE ENGINEER • November Memento Inc • San Jose, CA Dec 2023 – Present

- **Risk Management & Efficiency:** Founded a company focused on helping clients mitigate financial risks, achieving an average **20% reduction** in financial exposure and a **15%-20% increase** in client savings through customized **software solutions** and financial management strategies.
- **Cross-Functional Collaboration:** Worked closely with clients' **software engineering teams**, driving a **30% improvement** in data management efficiency and a **25% reduction** in processing time by developing and implementing **bespoke software solutions**.
- **Technical Leadership:** Led the full **software development lifecycle**, from gathering requirements to coding (**JavaScript**) and deployment, ensuring successful delivery of solutions that met client goals on time and within budget.
- **Customized Software Delivery:** Delivered **tailored software solutions** using **JavaScript** that improved operational efficiency by **20%**, reduced risk exposure by **20%**, and helped clients **reduce headcount** for data collection by automating key processes, significantly improving client performance metrics.

#### EXPERIENCED TAX STAFF • Moss Adams. LP • Campbell, CA July 2023 – July 2024

#### FOUNDER / SOFTWARE ENGINEER • DoraDream LLC (SOLD My Portion at \$7x,xxx) Jan 2021 – Dec 2021

### PROJECTS

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#### 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 using a **SQLAlchemy** data table for storage and efficient retrieval.
- Optimized API routes in **Flask** for efficient data retrieval and faster product searches, enhancing user experience.

### EDUCATION

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#### 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