ZACHARY STALLINGS

FULL STACK SOFTWARE ENGINEER

contact@zachstallings.dev | 805-746-7123 • LinkedIn • Github • Portfolio • VENTURA, CA

TECHNICAL SKILLS • JavaScript • Python • SQLAlchemy • SQLite3 • PostgreSQL • Sequelize • HTML • CSS • Flask • Express • React • Vite • Redux • Node.js • Amazon S3 (AWS) • Websockets • Proficient in Git

RELEVANT SKILLS • SCRUM Methodologies • Pair Programming • Team Coordination • Employee Coaching

PROJECTS

SLACORD *App Academy* | **Github | Live**   *Python • Flask • React • Redux • Amazon S3 • Websockets • SQLAlchemy*

- Spearheaded a collaborative project, "Slacord", a Discord-inspired platform, utilizing Python and Flask for the backend, and integrated Amazon S3 for image storage, ensuring a user-friendly experience for media sharing.
- Implemented real-time chat features using Websockets. Utilized Redux middleware to manage WebSocket connections and dispatch actions to update the state in real-time.
- Employed SQLAlchemy for efficient database operations, streamlining data handling and integrity.
- Established useHistory and useLocation hooks from the React-Router package to manage navigation and redirect users based on authentication status.
- Participated in Daily Stand Ups, Pull Requests, and Pair Programming in a 1-week sprint, delivering a platform with enhanced user authentication and seamless real-time messaging, improving user experience and engagement.
- Established a CI/CD pipeline utilizing GitHub for code collaboration and version control, and Render for seamless deployments, ensuring continuous delivery of new features and updates to the live platform.

AMAZING *App Academy* | **Github | Live**   *JavaScript • React • Redux • Express • Sequelize*

- As a solo project, built "Amazing", an e-commerce platform akin to Amazon, utilizing React for UI, Redux for state management, Sequelize for data handling, and Express for server tasks.
- Utilized React's component-based architecture and hooks to build dynamic and responsive UI elements, enhancing the user interface for product listings, cart updates, and wishlist functionalities, which contributed to a more engaging user experience.
- Designed a robust Express backend, improving request-response cycles with efficient routing, middleware, and optimized Sequelize queries. Implemented error handling and asynchronous programming for enhanced responsiveness and efficiency.
- Engineered a two-tier Redux store to manage cart operations, enhancing user experience by enabling seamless transitions from cart updates to secure purchases, and ensuring accurate backend synchronization.

MEET HERE *App Academy* | **Github | Live**   *JavaScript • React • Redux • Express • Sequelize*

- Independently developed "Meet Here," a Meetup inspired platform, using React for dynamic UI, Redux for state management, Sequelize for ORM, and Express for API/server logic.
- Designed the group creation module using React's controlled components for form inputs, coupled with Redux actions and reducers to handle group data flow. Sequelize models were employed to define group attributes and relationships, while Express routes ensured secure and efficient data retrieval and storage.
- Mastered React components for group listings, using Redux thunks for asynchronous user-group updates. Leveraged Sequelize's many-to-many relationships for user memberships and Express for join/leave operations, streamlining user community integration.

EXPERIENCE

BARISTA TRAINER • *Starbucks* • Ventura, CA   **9/2016 – 1/2023**

- Successfully trained and on boarded over 20 new hires, ensuring they were well-equipped with the necessary skills to maintain the Starbucks standard of service.
- Demonstrated exceptional coaching skills by providing real-time feedback to baristas, addressing deviations from drink standards with empathy and friendliness.
- Swiftly grasped and mastered new drink recipes each season, and effectively imparted this knowledge to other employees, ensuring a seamless roll-out of new offerings.

EDUCATION

APP ACADEMY • Full Stack Software Development Academy   **Graduated September, 2023**