

# ZACHARY STALLINGS

## FULL STACK SOFTWARE ENGINEER

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

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**TECHNICAL SKILLS** • JavaScript • Python • SQL • HTML • CSS • Flask • Express • React • Redux • Sequelize • SQLAlchemy • Node.js • Amazon Web Services (AWS) • Websockets

**RELEVANT SKILLS** • Pair Programming • Team Coordination • Employee Coaching • Employee Training

## PROJECTS

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### SLACORD | Github | Live

*Python • Flask • React • Redux • AWS • Websockets • SQLAlchemy*

- Spearheaded a collaborative project, "Slacord", a Discord-inspired platform, utilizing Python and Flask for the backend, integrated with AWS services for deployment and scalability.
- 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.
- Collaborated with a team to deliver a fully functional platform within a 1-week sprint, showcasing both teamwork and a deep understanding of the tech stack.

### AMAZING | Github | Live

*JavaScript • React • Redux • Express • Sequelize*

- Built "Amazing", an e-commerce platform like Amazon, using React for UI, Redux for state management, Sequelize for data handling, and Express for server tasks.
- Leveraged React's component-based architecture and hooks, such as useState and useEffect, to build dynamic and responsive UI elements for product listings, cart updates, and wishlist functionalities.
- Designed a robust backend using Express, optimizing request-response cycles and integrating with Sequelize for streamlined database operations.
- Engineered a two-tier Redux store to manage cart operations: one for temporary cart states and another for backend synchronization. This approach facilitated seamless transitions from cart to secure purchases.

### MEET HERE | Github | Live

*JavaScript • React • Redux • Express • Sequelize*

- Architected "Meet Here", a web platform reminiscent of Meetup.com, using React for dynamic UI components, Redux for centralized state management of user sessions and group data, Sequelize for ORM-driven database interactions, and Express for handling API requests and server-side 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.
- Implemented event permissions using Redux to track user roles and Sequelize for event-owner associations. Employed Express middleware for authentication and event CRUD authorization.
- 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

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### 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.
- Led the store's operations with strategic efficiency, achieving district record-breaking service speeds while maintaining the highest customer satisfaction rating in the entire state of California.

## EDUCATION

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**APP ACADEMY** • Full Stack Web Development

**Graduated September, 2023**