

## **Austin Quintana**

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Lehi, Utah

### **SUMMARY**

- Aspiring Fullstack Web Developer with professional experience in marine biology including collaboration with other departments within the companies.
- Experienced academically working on web development projects using JavaScript, Python and HTML. Skills & Tools:
  - Front-End: HTML, CSS, JS, Responsive Design, Bootstrap library, jQuery, React, Angular and Vue
  - Back-End & Databases: Node.js, JSON, API, AWS, MongoDB, Firebase
  - Proficiency: Git, TDD, Chrome Dev Tools, Postman, Android Studio, Slack, Zoom and SCRUM (Trello)
- Looking for a Junior Software Engineer position.

### **EDUCATION & ACADEMIC PROJECTS**

**Bachelor's Degree Software Engineering**, Utah Valley University April 2021 - Present (expected graduation Apr 2025)

**Certificate in Full-Stack Web Development**, CareerFoundry April 2024

#### **Project 1: myFlix**

Summary of the project: The application is a single-page application (SPA) developed with React, React Bootstrap, React Router, and Bootstrap. It features curated film content, allowing users to browse a list of movies, search for specific titles, access detailed information about each movie, and save favorites. Additionally, it supports user authentication and profile management.

- Created a non-relational database (MongoDB) of movements from various styles and to store user data.
- Built a REST API with node.js and Express, using Mongoose to interact with the database
- Tested the API endpoints with Postman, wrote clean and concise documentation, deployed the API with heroku.
- Created two single-page, responsive front-end applications, one using React (following MVC design pattern) and the other Angular (with Angular Material). Users can create accounts, browse the library and save their favorites

#### **Project 2: Meet App**

Summary of the project: The Chat App project is a messaging application designed for mobile devices, constructed with React Native and Expo. It utilizes Google Firebase's anonymous authentication for user access, Firestore Database for message storage, and Firebase Cloud Storage for media storage.

- Developed a progressive web application (responsive, cross-platform, offline available, can be added to home screen) using React, to display events (a list and charts\_ from a google calendar.
- Followed test-driven-development approach, translating user acceptance testing (Cucumber) and end-to-end testing (Puppeteer).

### **Project 3: Culinary Compass**

Summary of the project: Culinary Compass is a Python and Django-based web application that empowers users to manage their recipes with ease. From creating and modifying recipes to searching based on ingredients, it offers a seamless culinary experience, showcasing modern web development techniques

- Culinary Compass offers a user-friendly platform for creating, browsing, and editing recipes, empowering users to manage their culinary repertoire effortlessly.
- Leveraging Python and Django, this web application showcases cutting-edge features such as robust user authentication, real-time content updates, and intuitive recipe search functionalities, providing a seamless experience for both novice and seasoned cooks alike.

### **Project 4: Chat App**

Summary of the project: Chat App is a project for a messaging application for mobile devices, built using React Native and Expo. The application uses Google Firebase anonymous authentication, Firestore Database to store messages, and Firebase Cloud Storage to store media.

- Enable secure and anonymous logins through Firebase's anonymous authentication, safeguarding user privacy while accessing the chatroom application.
- Engage in diverse conversations across different chat rooms, each featuring unique color palettes and purposes, enhancing user experience and interaction.

## **PROFESSIONAL EXPERIENCE**

<b>Loveland Living Planet Aquarium</b>	<b>Jan 2018 - Present</b>
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<b>Saltwater Aquarist</b>	<b>Dec 2021 - Present</b>
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- Solved complex problems relating to water quality, equipment maintenance and aquatic life.
- Maintained proficient records on the database on each system/animal.
- Maintained the well-being of aquatic species, and met exhibition maintenance schedules.

<b>Exhibit Interpreter</b>	<b>Jan 2018 - Jan 2020</b>
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- Enhanced the guests' experience by offering high-quality interpretive experiences throughout our galleries and education spaces. These included biofact stations, shark talks, otter talks, Amazon giant fish feed events, and numerous training/conservation speeches.
- Collaborated with colleagues to create summer camp programs for ages 4-17.