Elias Haynes

Austin Texas
(512) 970-1536
eliasmhaynes@gmail.com

EDUCATION

Austin Coding Academy, *Austin TX —Web Development*

Aug 2022 - July 2023

- **<u>Client-side</u>**: Heavy use of various Frontend languages such as React, Javascript, HTML, CSS, Redux to create clean, direct, and smooth UI/UX for applications.
- **<u>Server-Side</u>**: Extensive utilization of diverse backend languages and frameworks, including Node.js, Express, and Auth0, to engineer robust, secure, and seamlessly integrated functionality with the application's client.
- **<u>Database</u>**: Set up and initialization using MySQL. Implemented server-side database connectivity using the MySQL library, including the establishment of an efficient connection pool. Postman-based Verification of API Response Integrity. and optimal management of a database with an efficient Entity Relationship Diagram.
- **<u>Hosting</u>**: During pre-deployment, hosting is locally managed for development and testing purposes. For production readiness, the application is hosted on cloud platforms such as AWS and Google Cloud, leveraging the scalability of these services, with additional deployment options considered, such as Heroku.

EXPERIENCE

Ripple Learning LLC — *Backend Dev & AI Integration Specialist*

Sep 2023 - Dec 2023

- Successfully executed contracted work, ensuring timely and budget-compliant delivery of production-ready applications
- Collaborated within a cross-functional team to fulfill client requirements, leveraging collective expertise to meet project specifications.
- Integrated AI technologies systematically across the application to catalyze automation, maximizing efficiency and operational enhancements at strategic intervals.
- Performed thorough progress reviews with clients at the culmination of each phase, ensuring satisfaction of application development and addressing feedback for continued alignment with project objectives.

City of Austin — *Signs & Markings*

Jan 2023 - Present

- Perform technical support & software assistance for facility staff.
- Electronically document work orders using *Knack* for all needed assets and reports.

SKILLS

React, JavaScript, SQL, Node/ Express, HTML, CSS, Heroku, GitHub, REST API, Redux, Postman , Auth0, AI prompting. OpenAI, Web Sockets. Web Crawling.

CERTIFICATES

Fullstack Application Development Certificate – https://credsverse.com/credentials/6b91cef4-f009-4e15-a3b4-d7bf83d9897b?preview=1

Portfolio

https://eliashaynes.github.io/portfolio/client/

- Conducted and developed training/methods for new facility staff on data tracker software.
- Daily coordination of projects with assigned lead and team members to complete each work order and overall workload.

Tesla, Austin Tx — *Workplace Associate*

Jan 2023 - Present

- Assisted engineers and facility staff with setup of events, transportation of storage materials, and overall care of the facility.
- Completed work tickets to provide records of completed tasks, time started/ended, material/equipment used, team members involved.
- Ability to problem solve, coordinate with given facility staff and equipment, and exceptional work ethic to complete various tasks in a timely manner.

PROJECTS

Scheduled Vehicle Maintenance *(Personal)* —
(https://github.com/EliasHaynes/capstone)

- Cutting edge automotive maintenance SaaS for all things vehicle repair related.
- An application that allows a user to retrieve data on a vehicle for upcoming and previous maintenance. Ability to further display data for each individual repair.
- Ability to log completed repairs with meticulously designed table headers for comprehensive data organization.
- Retrieve and store a vehicle's information/specs.

Job Application Tracker *(Ripple Learning LLC)* —
(https://github.com/theMVPshop/jobAppTracker)

- Implemented an advanced job application tracking website designed to be user centric.
- Introduced innovative web crawlers to extract HTML contents of job postings via URL.
- Utilized AI for categorizing job posting contents into headers.
- Enabled cross-referencing of categorized job postings with user resumes for insights.

AI ChatBot Tutor *(Ripple Learning LLC)* —
(https://github.com/theMVPshop/chatbottutor)

- Formulated an AI ChatBot Tutor with a strategic emphasis on prompt engineering for guidance over direct solutions.
- Customized AI responsiveness to reflect the intricacies of the school's curriculum stored in a structured database.
- Implemented a real-time WebSocket for dynamic client-server interaction.
- Empowers students to autonomously navigate coursework, accessing customized support in the absence of human tutors.