Eleazar Hernandez

Dallas-Fort Worth, TX, [Email](), [LinkedIn](), [Github](), [Substack]()

PROFESSIONAL SUMMARY

Software engineer with 2 years of freelance experience in web applications in the retail and legal space, leading, designing, writing, and testing web applications for small businesses to scale their maximum outreach and business output. Coming from education, I have led and supported teams in school/district wide events, as well as reviewed, troubleshooted, and documented company projects and processes for internal use.

SKILLS

- **Main Technologies**: TypeScript/JavaScript (Node.js, React, Next.js), Python (FastAPI, Spacy), Git, CSS(Tailwind), NoSQL(Firebase), Azure (App Service, Container Registry, Postgres Flexible Server)
- **Familiar with**: Java (Spring Boot), SQL (Postgres), AWS Apache, Agile

PROFESSIONAL EXPERIENCE

ROTATE TRANSLATION

Software Engineer - Full Stack   **Remote, 01/2024-05/2024**

- Designing, planning, executing, and testing a Full Stack web application for clients to distribute information and process payment with scalability and efficiency in mind, resulting in a product that can handle up to 100 million users and 10 millions API calls per day.
- Tech Stack - Vercel (CI/CD capabilities); React, CSS, and TypeScript for Front-Endt, Stripe API (Application Programming Interface), NoSQL(Firebase) database for storing user information.
- Provided technical support through extensive design, addressing business needs and translating into software user stories to create a secure and efficient user experience, resulting in 40% more efficiency and 100% modular-monolithic code structure.

NEXTGEN IT STAFFING   **Remote**

Software Engineer - Intern   **09/2023-03/2024**

- Wrote backend code for an open-source internal learning management system using Node.js, OpenLMS, and JavaScript for over 100 internal, resulting in employees accessing 6 different proprietary courses to help internal teams learn and progress through their employee training.
- Provided technical support and collaborated extensively with teams from all over the United States and India to discuss issues and debug software, gathering and analyzing information and document requirements for the execution of the system in comparison to the courses market (Coursera, Udemy), resulting in a final internal tool.
- Maintaining assigned relational databases on employees, updating data as employees progressed through the course, resulting in 100% progress check for individuals going through the program.

EDUCATION

WESTERN GOVERNORS UNIVERSITY   **Remote**
Bachelor's Degree in Computer Science   **2022 - 2025**

- Fully remote, self-paced program
- Certification in Linux

TEXAS WOMAN'S UNIVERSITY   **Denton, TX**
Masters Degree in Music, Education   **2018 - 2021**

- Masters Thesis: *Survey in Music Technology in middle school classrooms, 2020-2021 year*
- Teaching Assistant in Music Technology course

UNIVERSITY OF NORTH TEXAS   **Denton, TX**
Bachelor's Degree in Integrative Studies   **2013 - 2017**

- Studies in music and communicative studies
- Leadership positions - resident assistant

LEADERSHIP ACTIVITIES

TRIPTYCH COFFEE CO   **Remote**
WordPress/CMS Developer   **08/2023-09/2023**
- Developed front-end site using Squarespace Content Management System and HTML/CSS, resulting in the company's official online presence and point of contact.
- Developed an automated emailing service based on business needs delivering client bookings to the inbox of the booking agents using DNS services, resulting in 30% increase in web traffic and business.
- Analyzed and troubleshooted technical issues, helping the team to deploy changes 25% faster causing less downtime for the client to use their site.

JPMorgan Chase & Co. Software Engineering Lite virtual experience program on Forage   **March 2024**
- Completed a simulation focused on the process of completing an engineering ticket for a system in the credit-card rewards department of JPMorgan Chase & Co.
- Created a new class to get an existing system up and running
- Wrote a test suite for the class added

CodePath Student - Intermediate Technical Interview Prep (TIP)   **June 2024 - Present**
- Selected to participate and work with a cohort of other Computer Science students on Data Structures, Algorithms, and career prep

Associate Director, Aldine ISD Orff Ensemble   **August 2022 - May 2023**
- Directed and managed a highly-selected group of students to represent the school district in city-wide competitions and performances, resulting in performance honors and awards from several acclaimed Houston elementary school adjudicators.

ALDINE ISD   **Houston, TX**
Elementary Music Teacher   **Nov 2021-June 2024**
- Create engaging lessons for learners on a weekly basis, resulting in 75% student retention and 50% increased effectiveness in school performances and showcases
- Led teams on several school-wide projects including a 100% participation in events involving different holidays and important days.
- Collaborated with and provided technical support for departments, identifying opportunities for school-wide operational improvement, resulting in 30% increased efficiency in regulating and managing learners in music presentations and 80% overall parent satisfaction rate of musical presentations from a technological standpoint.