

Eriz Sartiga

FULL STACK SOFTWARE ENGINEER

erizsartiga@gmail.com | linkedin.com/in/eriz-sartiga | github.com/s3lven

EDUCATION

University of California, Davis

Bachelor of Science in Computer Science

Sep 2019 – Jun 2023

PROFESSIONAL EXPERIENCE

Mergen | Frontend Software Engineer Intern

July 2024 – Present

- Translated Figma designs into visually appealing, pixel-perfect web pages using React, Tailwind CSS, and Typescript.
- Developed a text editor with SlateJS allowing students to write and format essays. Integrated commenting functionality using state management libraries.
- Used Webflow to create a marketing website to attract new users onto the platform. Used built-in CMS to create a job board page for future company applicants.
- Created a web scraping Python script using the Pandas and Requests libraries to collect essay prompts and other data from 328 colleges.

TECHNICAL SKILLS

- **Languages:** HTML, CSS, JavaScript, Typescript, SQL, Python
- **Frameworks:** Express, React, NextJS, Node
- **Tools:** Git, VS Code, MongoDB, Docker, Figma, Webflow
- **Libraries:** Zustand, Passport.js, JWT, Drizzle ORM, Pandas, Requests, Tailwind CSS

PROJECTS

Tournament Bracket App

Oct 2024

- Developed a full-stack bracket builder web app using Next.js, Node/Express, and a PostgreSQL database. Enhanced the UI experience and accessibility by using Radix Primitives for modals, popovers, and other components and Zustand state management.
- Leveraged Next.js features such as routing, middleware, and streaming to improve rendering on the frontend.
- Utilized Drizzle ORM in the backend to interact with a PostgreSQL database through a REST API. Implemented global error handling and integrated structured logging and efficient debugging.
- Designed the user-interface using Figma, focusing on creating reusable UI components for consistent styling. Established local styles to standardize typography, color schemes, and spacing, ensuring a cohesive look.
- Integrated Clerk for authentication, securing backend routes and frontend pages from unauthorized access.
- Containerized the application using Docker and Docker Compose, ensuring environment consistency.

Landing Page Website

July 2024

- Tools used: NextJS, Tailwind CSS, Shadcn UI, Figma
- Designed and developed a new landing page for the Northern California Kendo Federation using NextJS, Tailwind CSS, and Shadcn UI.
- Utilized Figma to design and prototype, focusing on user experience and basic design principles.
- Implemented the design into a responsive web app using Tailwind CSS utility classes and Shadcn UI library.

Inventory Management App

May 2024

- Developed a web app using the MERN stack for the UC Davis Health Simulation and Education Enhancement team to track simulators and equipment used for performing medical procedure simulations.
- Utilized React fundamentals, such as functional components, hooks, and Context API, to create a responsive front-end with modal management and search filters.
- Created a REST API that interacts with an Atlas-hosted database to store inventory data.