Christian Valenzuela

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Skills

- **Frontend**: React, Typescript, JavaScript, HTML, CSS, TailwindCSS, GraphQL
- **Backend/Databases**: NodeJS, ExpressJS, SQL, MongoDB, Google Firebase, Supabase, Google BigQuery, RESTful APIs
- **Cloud Services**: Amazon Web Service (S3, Lambda, Cognito), Azure (Container Apps, Functions), Google Cloud (Cloud Functions, Container Registry, Storage Bucket)

Experience

States Analytics Engineer, Harris For President (DNC), *May 2024 – November 2024*
- Led direct engineering support for all battleground states, supporting over 15 data directors and over 40 data engineers across the campaign.
- Created and orchestrated data pipelines in dbt and Airflow for identifying leads for prospective volunteers and canvassing opportunities.
- Maintained the campaign's Google Cloud Functions to implement feature requests, improving reliability and consistency.
- Built custom SPAs leveraging Jira/Slack APIs to automate task delegation, facilitating rapid onboarding of engineers in final stretch of the campaign.
- Scraped county websites to obtain real-time, precinct-level vote counts to be ingested by our data pipelines during election night reporting.

Full Stack Engineer, Eminent Translations, *Nov. 2022 – May 2024*
- Improved load times by 80% by using NextJS, moving client-side computations off of the client into the server and lowering bundle size.
- Modernized backend, using Sanity as a headless CMS solution, empowering client to define their own schemas.
- Implementing a cohesive design system, reducing the amount of stylesheet code by 23%.
- Created an interactive, reader-like experience for users to navigate chapters and volumes of content.

Full Stack Engineer, Ledafilms, *Oct. 2022 – Feb. 2023*
- Architected a secure web application to administrate licenses, contracts, and other mission critical data for the CEO and his team.
- Implemented queueing system in the frontend to kick off computationally expensive operations on the cloud, improving user experience.
- Enforced type safety through Typescript/TSDocs, making the codebase much more maintainable and better documented.
- Built Figma mockups and wireframes, with a focus for modern design, cohesive design system and easy keyboard navigation for data entry.

Full Stack Engineer, South Coast College, *Jan. 2022 – Mar. 2022*
- Authored an interactive leaderboard for real time words per minute rankings for the college's stenography program.
- Performed business analysis with college administrators, students and other stakeholders.
- Implemented a ReactJS frontend and NodeJS backend architecture for simplicity, composability, and scalability.
- Deployed application via Azure and designed a CI/CD pipeline to decrease deployment times and catch errors in development.

Full Stack Engineer, Wise Attend, *Aug. 2020 – Feb. 2021*
- Created promotional website for ed-tech startup using NextJS to leverage caching and server-side rendering, improving SEO ranking and user experience.
- Architected backend service to ingest prospect emails via a custom subscription service, ensuring a successful marketing push in the early state of the startup.
- Implemented headless CMS solution for managing the site's blog, increasing the efficiency of the editing process and lower time to publish by 40%.

Education

University of California, Los Angeles
Bachelor of Arts, Political Science & Economics**,** June 2017

Antelope Valley College
Associates Degree, Liberal Arts and Sciences II**,** June 2013