Fernando Villasenor

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Employment History

Senior Software Engineer, Frontend

GMSE Corp/Sponsorship Exchange

Jan 2023 - Present

- Built the entire
 - Built the entire ui platform from scratch using Next.js/React making every required technical and architectural
 decision (including library/framework choices, deployment, testing, and best practices linting, formatting, folder
 structure) along the way
 - Built an entire collection of reusable UI React components from scratch w/Tailwind CSS
 - Built multiple programs for our multi-tenant sponsorship matching application- including dashboards, profile pages, sponsorship offer/proposals, 'sponsorship builder' dynamic form, file uploading and markdown editing.
 - Built admin dashboard w/staff functionality, using Next.js middleware for server-side route protection.
 - Setup custom authentication using Auth0 via NextJS api routing- implementing jwt access/refresh token via browser cookies and Axios interceptors.
 - Worked on the backend as needed, developing a file upload tool to AWS S3, using Nest.js backend framework
 - Worked closely w/VP of Engineering on any company-wide decision making including the interviewing and hiring of new engineers
 - Setup Hubspot for static pages.
 - Stack: Next.JS/React w/Typescript, Tailwind, React-Query, Zustand, React Testing Library, Zod, Vercel Nest.js backend

Senior Software Engineer,

Tradesy/Vestiaire Collective

Jul 2021 - Dec 2022

Frontend

- Worked on a multitude of teams, building out new features, while modernizing legacy pages to React
- Rewrote the entire frontend UI for our item recommendations tool
- Assisted Principal Engineer in large scale architectural change to render client-side React pages to SSR (served from PHP backend)
- Successfully helped migrate users from the Tradesy to Vestiaire Collective platform
- Stack: React, Mobx, CSS Modules/SASS, Cypress PHP backend

Senior Frontend Engineer

MyLife

Jul 2020 - Jul 2021

- Responsible for the frontend development of the RealMe platform (a B2B product for consumer online safety)
- Built custom widgets for partners to integrate w/our API, along w/custom landing pages
- Rebuilt profile search flow w/React and added testing
- Stack: React. SCSS, React Testing Library, Jest, Webpack Java backend

Software Engineer

Tix

Aug 2017 - Jul 2020

- Responsible for all frontend development focusing on updating over 30+ legacy programs and data reports from ASP.net to React w/Redux
- Developed new UI programs such as email notification management, e-ticket management, as well as new data reporting w/search criteria and data-grid functionality (exporting/emailing data & pdf generation)
- Built charts, timelines and sales comparison tools using Chart.js
- Built API endpoints using C#/.Net w/Sql (MS SQL server) to integrate w/updated UI programs as needed
- Created mobile friendly E-tickets with customizable images
- Stack: React, Redux, CSSModules, Semantic UI, Webpack, Chart.js, C#, SQL .NET backend

Frontend Developer

Panjo

Jan 2015 - Jul 2017

- Responsible for the entire frontend development of the marketplace- implementing all core features, redesigns and
- Introduced React/Redux (along w/testing) within user listing-management pages to begin transition from jQuery

- Created all responsive html emails for use w/user notifications & marketing
- Integrated checkout form w/Braintree Javascript SDK
- Stack: ¡Query, React, Redux, Webpack, Yarn, ESLint, Mocha, Enzyme, Chai .NET backend

Frontend Developer TruBrain May 2014 - Dec 2014

- Led all frontend page redesigns- encompassing more than 90% of the website
- Instituted the use of Angular to rebuild the subscription signup/checkout processes
- Converted the entire site to be fully responsive and mobile friendly
- Stack: Jquery, Angular, LESS, Bootstrap. Django/Python backend

Contract Work

Fintel May 2020 - Jan 2021

- Part-time contract work rehauling site's frontend to use React, Redux and Webpack + Gulp to build a Single Page Application
- Built a new user dashboard, a teams dashboard, multiple landing pages, and a new updated checkout using Stripe
- Added live investment trading alerts using Websockets and the browser's native Notification API
- Updated site from Bootstrap 3 to 4

Community Capital Technology

Aug 2018 - Oct 2018

Part-time contract work setting up fronted to use React w/Webpack

Bloomtri Jul 2017 - Jan 2018

Part-time contract work helping develop an internal accounting dashboard using React

TruBrain Jan 2015 - Apr 2015

Part-time contract work focused on making UI updates and fixes to the current site, as needed

Personal Projects

Oliranda (www.oliranda.com)

- Student Response to Intervention Management software
- Stack: Next.js/React, Typescript, ChakraUI, Prisma ORM, Vercel

The Bruin Hub (www.thebruinhub.com)

- News aggregator for UCLA sports news
- Stack. Express.js, Next.js/React, Typescript, ChakraUI, Prisma ORM, Heroku

Technical Skills

- Languages: HTML, CSS (SASS, LESS, CSS Modules), Javascript, Typescript, React, C#, SQL
- Frameworks: Next.js, Express.js. Nest.js
- Libraries: React Testing Library, Jest, jQuery, Tailwind, Chakra UI, Mobx, Zustand, Redux, Webpack, Zod, Chart.js, Gulp, Semantic UI, Bootstrap, Cypress
- Tools: Git, Github, Gitlab, Jira, Figma, Photoshop
- Online Services: Heroku, Render.com, Vercel

Education

- UCLA BA, History
- Cal State University, Long Beach MA, Sport Management