Kia Farhang.

Full-stack developer in San Antonio, TX who uses test-driven development to write concise, maintainable code.

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EXPERIENCE

SKILLS

San Antonio Express-News, San Antonio TX — *Full-stack developer*

JUNE 2017 - PRESENT

Build front-end presentations for the newspaper's best content.

- Used the React JavaScript framework to build a library of reusable components for a longform journalism story template. Stories in the template saw an average time on page of nearly 5 minutes - a more than 300% increase over normal stories.

- In another React project, built a single-page application housing the newspaper's best restaurant rankings. Users can search restaurants and sort by distance to them, type of food, etc. Led to a 22% increase in page views over the previous year's page.

- Created a podcast player with the Vue.js framework that lets users listen to all of the paper's podcasts directly from their browser.

Design, create and test APIs to serve data to front-facing apps and the public.

- Used Node.js and the Express framework to create a back end powering the company's live election results page in the March 2018 primary. The server collected data from Google Sheets and the Associated Press API, massaged the data and served it to the page via websocket connection.

- Created the front and back end of an application that let users build their own high school football brackets and check back to see how their predictions fared.

Write web scrapers and other tools to automate and simplify newsroom tasks.

- Wrote a Node.js/TypeScript scraper to download police call log data in bulk from the San Antonio Police Department's website. Reporters took hours downloading data for a single month; the scraper collected years of data and stored it in a PostgreSQL database in hours.

- Built a single-page application with the Handlebars templating engine that lets staffers with no technical experience create custom code blocks to

HTML/CSS/JavaScript
TypeScript
React
Redux
Node.js
SQL
Test-driven development
REST API development
Web scraping

PORTFOLIO

Find my work at
kiafarhang.com

showcase important stories on the newspaper website's home page.

Lemonade Stand, Riverside CA — *Front-End Developer/Director of Client Services*

AUGUST 2016 - MAY 2017

Built web applications, browser extensions and other tools for clients and internal use.

- Created a Google Chrome extension to allow users of the company's project management software add priorities to their "boards" from anywhere on the web.

- Used JavaScript and Node.js to create a single-page application for a solar installation client. The application collected information about users' electricity use, then calculated how much money they could save by switching to solar - and bundled that information for the client to send to the sales team for follow up.

Tested and reported bugs for Yalla, our public-facing project management software.

Oversaw day-to-day operations, ensuring marketing clients' requests were satisfied.

PROJECTS

Distillr

- Single-page application built with a teammate as part of VIA San Antonio's 2018 hackathon event. Lets users find the best bus routes to activities they're interested in in San Antonio, like restaurants or movie theaters.

- Used Node.js and TypeScript to build the back end of the application, which uses the Yelp API to generate trips for users based on HTTP POST parameters. Currently rewriting the back end in Java.

EDUCATION

- **San Antonio College / University of Texas at San Antonio -** Bachelor's in computer science (in progress)

- **University of Minnesota -** Bachelor's in journalism, 2014