

Kia Farhang.

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

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EXPERIENCE

DataStax, Remote — *Software Engineer*

FEB 2021 - PRESENT

Full-stack development supporting Astra, our Cassandra database-as-a-service.

- Work primarily on the front-end team, implementing new features for the Astra React + GraphQL application
- Occasional (and growing) work on the Go microservices powering the Astra back end
- Led the team in tripling code coverage (15% to 45%) on the front-end codebase in my first six months
- Built and open sourced a Node.js gRPC client for Stargate, the open-source Cassandra data gateway

USAA, San Antonio TX — *Software Developer*

MAY 2018 - FEB 2021

Full-stack development in the bank's deposits division.

- Designed, built and tested React/Redux applications, Java REST APIs and Java batch processes.
- Part of a tiger team tasked with designing, prototyping and standardizing the future state of the deposits technology portfolio.
- Led and contributed development for projects around debit/credit card activation, account origination and account closure that serve thousands of USAA members daily.
- Brought my development team to 100% predictability/feature delivery in the first three months I served as team lead.
- Spent extensive time on call and in high-pressure outage scenarios during a rotation on the area's maintenance and production support team.
- Implemented a rotational model where every developer on the team - from senior to entry-level - spends time in roles

SKILLS

HTML/CSS/JavaScript
Java
TypeScript
React
GraphQL
Node.js
Test-driven development
REST API development
Web scraping
Kubernetes (CKAD)
gRPC

PORTFOLIO

Find my work at
kiafarhang.com or
github.com/KiaFarhang

of scrum master, tech lead and feature lead, to grow new talent and broaden team skill sets.

San Antonio Express-News, San Antonio TX — *Full-Stack Developer*

JUNE 2017 - APRIL 2018

Built 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.
- Built a single-page React application housing the newspaper's best restaurant rankings. Users can search restaurants and sort by distance from them, type of food, etc. This page saw a 22% increase in traffic 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.

Designed, created and tested 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 the Google Sheets and Associated Press APIs, transformed it and served it to the page via websocket connection. Wrote a full test suite with the Mocha Javascript testing framework.

Wrote 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, streamlining a download process that would have taken weeks. Includes tests for database interaction, network and scraping/parsing code.

EDUCATION

University of Minnesota, Twin Cities — *B.A., Journalism*

2012 - 2014