Greg **Vargas**

SOFTWARE ENGINEER

Austin, TX

☐ (+1) 512-350-3055 | ✉ gregory.t.vargas@gmail.com | ⌂ gv4383.github.io/portfolio | ⬚ gv4383 | in gregoryvargas

Skills

Languages	JavaScript, TypeScript, Ruby, Swift, HTML, CSS, Sass/SCSS
Frameworks	React, Redux, Node.js, Express, Jest, Enzyme, Ruby on Rails, SwiftUI, UIKit, Combine, Core Data
Miscellaneous	Git, Unit Testing, Firebase Analytics, Docker, CI/CD (GitHub Actions, CircleCI), REST APIs

Work Experience

Punch Through   *United States - Remote*
SOFTWARE ENGINEER   *Nov. 2022 - Sep. 2023*

- Lead effort in UI overhaul project by writing tech specs for stakeholders, planning/estimating project work, and guiding other engineers
- Implemented Firebase analytics tracking to target high-priority bugs and crashes, resulting in a 7% reduction in bug/crash instances
- Configured CircleCI to run linting and test suites for new and existing projects. Optimized build configurations and reduced build times by 40%
- Delivered high priority feature on a client project using React and Redux that organized user data into an interactive dashboard, resulting in a client satisfaction increase of 11%

Saatva   *United States - Remote*
SOFTWARE ENGINEER   *Aug. 2021 - Jul. 2022*

- Delivered 16 new product description pages using JavaScript, TypeScript, and React, resulting in a 24% increase in new product pages
- Configured A/B tests to drive business metrics and prioritize user experience improvements, resulting in a 4% increase in customer conversion
- Implemented new features behind feature flags to have controlled releases without having to deploy new versions of our web application and time important features/sales on high traffic days such as holidays
- Refactored Node.js proxy API to reduce amount of unnecessary data being sent and allow for simpler data consumption on the front end

Zilliant   *United States - Remote*
SOFTWARE ENGINEER   *Sep. 2020 - Aug. 2021*

- Delivered user roles experience feature on the front end using React, allowing for unique UX/UI depending on a user's set of roles
- Implemented Redux store in React project to store user data, including user roles, and have it easily available across the application
- Tested React component functionality using Jest/Enzyme and increased our react testing coverage by 17%
- Developed API endpoints using Node.js for the front end to manage user roles, including fetching, assigning, and removing any associated roles

Dealerware   *Austin, TX*
SOFTWARE ENGINEER   *Apr. 2019 - Sep. 2020*

- Spearheaded development on new React/TypeScript web app to allow dealerships to onboard themselves into the Dealerware system instead of having our customer service team onboard them, which saved over 100 hours of manual work per month
- Contributed to our in-house UI library to create reusable components in React, saving 150+ hours of development per month
- Implemented micro front end in our web application to allow for new features to be added in React while maintaining older features in AngularJS
- Developed API endpoints using Ruby on Rails to manage vehicle loan contracts, allowing dealerships to easily start/stop contracts and view associated vehicle and customer data

Personal Projects

Houser   *github.com/gv4383/houser-web*
REACT, TYPESCRIPT, REDUX, SASS/SCSS, HTML, NODE.JS, EXPRESS, KNEX.JS, POSTGRESQL

- Utilized TypeScript to create custom Types/Interfaces for component props and house data/models on both the client and server side
- Implemented Redux state machine architecture to allow for predictable state changes when handling house data on the client side
- Developed API endpoints that built SQL queries using Knex.js to create, fetch, update, and delete house data within PostgreSQL database

Shelfie   *github.com/gv4383/shelfie-web*
REACT, TYPESCRIPT, SASS/SCSS, HTML, NODE.JS, EXPRESS

- Utilized TypeScript to create custom Types/Interfaces for component props on the client side and product models on the server side
- Developed API using Node.js to manage product data. Created endpoints to create, read, update, and delete products stored on the server side

Education

Texas A&M University   *College Station, TX*
B.S. IN ELECTRICAL ENGINEERING   *Aug. 2013 - May. 2018*