Zachary Stephen Hensler

zhensler12@gmail.com

Github: https://github.com/zach-hensler

Homepage: https://zach-hensler.github.io/homepage/

Expe rience

Software Engineer

Veridos (Previously Valid USA), Fort Wayne, IN

June 2021 - Present

- UI Work
    - Built applications using Typescript, React, and Webpack with Jest unit tests.
    - Worked on applications with and without redux for state management.
    - Created and maintained private npm components to allow code reuse among multiple products.
    - Built an app to be entirely configurable via JSON. Designed infrastructure to organize the configuration and default values.
    - Developed tools to help manage documentation and management of the configuration options.
    - Designed custom hooks for managing global states throughout the application. (ex: navigation, configurations, and banners)
    - Wrote Jest unit tests to test the various branching paths that stem from different possible configurations.
- API Work
    - Worked on applications written in Python and C# on an AWS serverless stack using Lambda, DynamoDB, S3, and API Gateway.
    - Created REST endpoints to GET and POST data.
    - Worked on a data reporting feature using AWS firehose to dump data into an S3 bucket, AWS Data Brew to transform the data into a usable format, and AWS Quicksight to display the data as charts and graphs.
- Other Work
    - Used git for version control
    - Observed and collected feedback from a pilot. Designed features to address issues that were found during the pilot.
    - Performed weekly demos for clients and performed bi-weekly internal demos.
    - Interviewed, onboarded, and trained two front end developers.

Front End Web Developer

Rural Sourcing, Fort Wayne, IN
October 2020 - June 2021

- Building dynamic web pages using React, Redux, Recompose, and Lodash.
- Refactoring Recompose pages to use React Hooks.
- Organizing and displaying data received from an API.
- Writing unit tests with enzyme and jest.

Web Programmer Assistant

Purdue University, West Lafayette, IN
June 2019 – May 2020

- Building websites using HTML, CSS, JavaScript, and Bootstrap.
- Designing websites with responsiveness and accessibility in mind.
- Complying with Purdue's branding guidelines.

Education   **BS in Computer Engineering**

Purdue University, West Lafayette, IN
Awarded August 2020

Skills   **Experience with the following languages, frameworks, and tools**
Very Familiar:

- React
- TypeScript/JavaScript
- HTML
- CSS
- C#
- Github
- Jest / React testing library

Somewhat Familiar:

- Webpack
- Vite
- Yarn/NPM
- Python
- AWS Serverless (API Gateway, Lambda, DynamoDB, and S3)
- Redux

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