

Nicholas Allen Haer

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Summary

Software engineer dedicated to lifelong learning and devoted to using tech knowledge to efficiently make the world a better place. Skilled in React/Redux, I enjoy crafting intuitive user interfaces, and take pride in writing readable, well-tested code that can be easily maintained.

Technical Skills

Front End: React/Redux, Webpack, CSS, JavaScript, Cypress, Jest

Backend: Node/Express, Java, Python, Django, SQL, MongoDB, Docker

Personal Project: Picture Poetry | [GH](#) | [DP](#) |

Technologies: React, Redux, Node/Express, web tokens, MVC, RESTful API design, MongoDB, JavaScript, Cypress

Dedicated to the intersection of painting and poems, Picture Poetry prompts users with random paintings from the MET. Users can write and share their own poetry inspired by the paintings, saved in MongoDB, then browse the work of other picture poets and save the most striking. This fullstack MERN app, written with MVC, uses web tokens along with Redux to deliver smooth user authentication and an intuitive UI.

Work Experience

Language Computer Corporation: UI Engineer 4/2020 - Present

- Designed, developed, and tested user interfaces for more than five multi-year projects, utilizing React/Redux, with E2E Cypress testing and Jest/Enzyme unit tests.
- Maintained a large code base, updating older React components to modern standards, reviewed pull requests and collaborated to design and refine workflows.
- Developed a node server, optimized webpack builds, and assisted with migration to using docker containerization for the front end.

AmeriCorps

Literacy Coalition of Central Texas: Education and Volunteer Coordinator VISTA 2/2018-2/2019

- Led a three-phase organization-wide research project designed to optimize the volunteering program, utilizing staff surveys, personal interviews, infographics, and training sessions, resulting in recruiting more than 100 new volunteers, an over 150% increase from the previous year.

NPS Canyon De Chelly: Archaeologist Intern 07/2017 – 10/2017

- Identified, preserved, and recorded the data gathered in a nationally compiled database, supporting conservation of cultural sites.

Education

- Hendrix College, BA in Sociology/Anthropology, GPA 3.7/Cum Laude - Graduated: 5/2017
- Spanish Immersion Program, Ecuador 3/2019
- SMU Coding Bootcamp, Full Stack Certification 6/2019 - 11/2019

Volunteer Experience, Interests

- Eagle Scout with Silver Palm, enjoy camping, hiking, and traveling
- Have lived in 6 countries, traveled to 16 countries and 45 states