Kevin Carlos

SOFTWARE ENGINEER

Reno, Nevada

✉ kevin_carlos@nevada.unr.edu | ⌂ kevin-carlos.github.io | ⓖ Kevin-Carlos | ⬚ kevin-carlos | ⬚ kevin-carlos

Experience

Cycle.io   *October 2019-Present*

FRONT-END SOFTWARE ENGINEER

- Tech stack: React, Redux/Redux Saga, Typescript, Node, Gatsby, GraphQL, Bash, Docker
- Spearheading major code rewrites to our main front end application and implementing best practices while doing so
- Setup a monorepo for our internal UI library as a proof-of-concept of monorepoing other Cycle entities
- Took ownership of several projects such as an internal reports system (financials and other metrics), a status page to report announcements, service status, and recent platform updates, and converted a section of the user portal to utilize a full screen modal
- Helped redefine the Cycle brand and re-build the Cycle web page with SEO value as a main priority
- Delivered UI & UX improvements starting from a Node API client to one of several front-end applications
- Debugged state-management improperly updating when receiving information via web socket notification pipeline and/or RESTful API
- Converted a front-end application from one CSS in JS framework to another to enhance maintainability
- Converted administrative application from Redux Epics to Redux Saga
- Maintained public facing API and internal tools/libraries, i.e. API client, UI library, etc.
- Setup automated processes with Bash scrips for processes that were typically done manually
- Wrote tests and form validations
- Performed code reviews
- Wrote a deep-dive blog entry about Cycle's frontend ⬚
- Wrote a blog tutorial on building a MERN application ⬚
- Wrote a blog entry about my initial experience into container technology ⬚

Education

University of Nevada, Reno   *December 2019*

BACHELORS IN COMPUTER SCIENCE AND ENGINEERING

- Minor in Mathematics

Truckee Meadows Community College   *June 2016*

ASSOCIATE OF SCIENCE

- Emphasis in Computer Science and Engineering

Projects

PERSONAL WEBSITE

- https://kevin-carlos.github.io/ ⬚
- A website to host personal projects, experiment with new technologies, and exercise creativity
- Currently built with Gatsby in Typescript and Recoil for state management.
- Have a separate repository to develop the website using Snowpack (an O(1) build tool) as a development tool

FLASHCARDS

- Flippable flashcards built using a MERN stack

PROJECT ARIA

- Senior Project while at the University of Nevada, Reno.
- ARIA – Administration Registration Information Assistant, this project set forth to redesign a full-scale WordPress application from the ground up using modern technology. The main goals were to abstract complexity away from the user through a simple interface, scaleability, and maintainability.

Skills

Front-end	React, Redux, HTML, CSS, Styled Components
Back-end	REST API, Node
Programming	Python, C++, Typescript, JavaScript
General	webpack, Docker