

Niko Icardo

208-946-0462 | nikoicardo@gmail.com | nikoicardo.com | github.com/nikoicardo

Education

University of Idaho

Moscow, Idaho

Mathematics General Emphasis B.S., Graduated May 2020, G.P.A: 3.44

Aug. 2016 – May 2020

Relevant Work Experience

SPJ Solutions

Remote: El Dorado Hills, CA

Senior Software Engineer

Sept. 2022 – Dec. 2022

Continued cITopus development responsibilities in addition to providing support, guidance and training to numerous Jr. Engineers and handling more complex and sophisticated development.

Software Engineer

Nov. 2021 – Sept. 2022

Developed fullstack feature integrations for cITopus, a Typescript-based NSX management and migration software. Implemented and tested features and functionality on both the React/Redux-Thunk based front end and Express/Sequelize back end.

PCR Educator

Remote: Rockville, MD

Technical Support Engineer

May 2020 – Nov. 2020

Investigated and resolved technical issues. Met and communicated with clients on implementing software solutions for their schools, oversaw database management for various clients, constructed client websites in the PCR development environment.

University of Idaho

Moscow, ID

Undergraduate-Research

Jan. 2020 – May 2020

Designed python programs to assess and sort data for machine learning procedures with Frank Gao, Ph.D.

Undergraduate-Research

Jun. 2017 – Oct. 2018

Designed Matlab programs to implement mathematical models of bacteria lipid generation for Steve Krone Ph.D and Andreas Vasdekis Ph.D.

Skills and Qualifications

My expertise lies in developing full stack Typescript React/Node.js applications. I developed the bulk of my skillset during my time at SPJ solutions. I achieved the following there:

- Developed the Fullstack cITopus Downloads Application in its entirety
- Built the cITopus License Application in its entirety and its integration with the cITopus primary software
- Facilitated complex network transactions and translations via VMware VSphere and NSX API's
- Optimized FE load times with state memoization
- Constructed multi version API Translation Layers on the BE
- Built FE Wizards with Custom React Hooks and State Management within Redux Saga and Redux Thunk
- Managed/Assisted Jr. developers with entry – medium level tasks within this ecosystem

I am skilled at navigating Front ends, Back Ends, Databases and APIs in a variety of shapes and formats. I have exposure to other languages as well and am passionate about learning and adding skills to my toolkit. I am always eager to work on projects that expose me to new perspectives and technologies.

For my full skillset, please visit my portfolio nikoicardo.com.

References available upon request.