# Niko Icardo

*Software Engineer*

## CONTACT

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(208)-946-0462

[Github](Github)

[LinkedIn](LinkedIn)

## EDUCATION

B.S. Mathematics

University of Idaho

Aug. 2016 – May 2020

Moscow, ID

## SKILLS

Typescript / Javascript (ES6+)

React (Hooks, Classes, Redux Thunk/Saga)

Tailwind CSS, Bootstrap CSS, Emotion CSS

Node.js (Express, REST API's)

PostgreSQL, Sequelize, SQL

MongoDB, NoSQL

Java (Spring)

C++

Python

Matlab

# Work Experience

### Sr. Software Engineer
SPJ Solutions

Sept. 2022 – Dec. 2022

- Created and Implemented an API version translating system in Typescript and Node.js to automatically detect clients' VMware NSX REST API versions and handle their responses and calls with corresponding function sets.
- Optimized Front End load times by 95% in React and Konva by implementing memoization into Redux Selectors to cache and reuse already created state bundles.
- Guided Jr. Developers and ran a morning developer standup session addressing questions, blockers, and general asstistance where necessary.

### Software Engineer
SPJ Solutions

Nov. 2021 – Sept. 2022

- Built the cITopus Downloads site with Typescript, Bootstrap, React, Node.js/Express, Postgres and managed it within Amazon Linux EC2 on an Apache 2.0 server.
- Built the cITopus License application in Javascript, Bootstrap and Node.js and integrated its licensing into the Downloads site login and cITopus primary software to create and limit access based on licensing.
- Integrated Front End Wizards in Typescript, React in the cITopus SPA Docker application to gather input and pass it to the Node.js Express backend REST API calls to facilitate Network Migrations and Management in VMware NSX and VMware Vsphere environments.

### Technical Support Engineer
PCR Educator

May 2020 - Sept 2022

- 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.

### Research Assistant
University of Idaho

Jan. 2020 – May 2020

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

### Research Assistant
University of Idaho

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.