

Niko Icardo

Software Engineer

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EXPERIENCE

CBTS | *Network Automation Engineer* | Remote Feb. 2023 - Current

- Tested Typescript based Network Automation Software to ensure functionality and delivery of the specified architecture

SPJ Solutions | *Sr. Software Engineer* | Remote Nov. 2021 - Dec. 2022

- Standardized primary software by implementing an API version translation layer that would translate requests and responses between various clients' versions which streamlined development and reduced bugs.
- Implemented redux selector memoization with re-select and re-reselect achieving a 95% reduction in virtual network graph load times.
- Managed a group of junior developers and led a morning stand up session helping them learn essential skills and grow their careers while enhancing company efficiency.
- Built a login protected downloads site in Typescript, React.js, and Node.js hosted via Amazon EC2 Linux to securely deliver software to clients.
- Architected a license generator and integrated it into the primary software and downloads site preventing software from being deployed by unauthorized users and organizations.
- Promoted from Software Engineer to Senior Software Engineer for strong technical aptitude and leadership skills.

PCR Educator | *Technical Support Engineer* | Remote May. 2020 - Nov. 2020

- Managed schools' student, household, and institutional records by utilizing the PCR database software creating strong solutions to educational data management.
- Built schools' website portals and management applications by employing the PCR Educator CMS system.

University of Idaho

Research Assistant for Frank Gao, Ph.D | Moscow, ID Jan. 2020 - May 2020

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

Research Assistant | Moscow, ID 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.

EDUCATION

University of Idaho | Moscow, ID May 2020

Bachelor's Degree in Mathematics

SKILLS & INTERESTS

Languages: *Typescript, Javascript, Python, C++, Matlab, Java, HTML, CSS*

Frameworks: *React.js, Node.js, Bootstrap, Tailwind, Emotion CSS*

Interests: API Development, Data Pipelines and Data Processing, Full-Stack Development