

Nicholas Dobie

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Summary

Talented and accomplished IT professional with extensive background in Software Engineering and Web Application Development. Highly adept at TypeScript, React and Node.js programming. Expertise in web site and application design and development. Proven ability to manage and complete application life cycles, from requirements determination through design, testing and implementation. Able to learn and apply new technologies. Background in custom software design. Motivated team player that works well on independent tasks or group projects.

Technical Skills

Operating Systems: Windows, Mac OS X, Linux (Red Hat and Debian based)

Languages: HTML, CSS, TypeScript, JavaScript (ES2015+), GraphQL, PHP, MySQL, PostgreSQL, XML, Ruby, Node.js, Python, MongoDB, Neo4j

Frameworks: React, Redux, Babel, NestJS, Next.js, webpack, Electron

Applications: Adobe Creative Suite, Apache, Nginx, Git, Kubernetes

Cloud Providers: Google Cloud, Amazon Web Services, Docker

Experience

Prewitt Ridge - Sr. Engineer

Minneapolis, MN 55402

June 2021 to Present

- Helped develop a modern React frontend
- Designed and wrote specs for RESTful and GraphQL commercial endpoints
- Trained fellow coworkers on working with React, TypeScript, and GraphQL

Target - Sr. Engineer

Minneapolis, MN 55402

June 2017 to June 2021

- Developed and architected application running on React and GraphQL
- Developed a library to support resumable and background uploads across multiple instances.
- Developed an Electron-based application platform for POS systems.
- Trained other developers on using React.
- Developed the Enterprise UX Design System.

Leadpages - Engineer

Minneapolis, MN 55402

June 2016 to June 2017

- Developed features for a drag-n-drop page builder using Aurelia.
- Maintained a Python-based API.
- Worked on creating an E2E and unit tests for a variety of languages.
- Architected and assisted in converting from Aurelia to React.
- Trained other developers on using React.

The Lacek Group - Contract Application Developer

Minneapolis, MN 55402

March 2016 to May 2016

- Worked on creating a Adobe Campaign preview engine using PHP and JavaScript.
- Created an e-mail variant review utility for checking marketing emails.
- Worked on maintaining and updating a member rewards application.
- Architected an API for a member rewards application.

AirVūz - Contract MEAN Stack Developer

Minneapolis, MN 55402

January 2016 to March 2016

- Worked on debugging and adding features to their video sharing platform that used a MEAN (MongoDB, Express, Angular, Node.js) stack.
- Architected the rewrite of the platform for the front-end using Node.js, webpack, React, Redux, and PostCSS with support for server-side rendering.
- Trained coworkers to how to develop with React and Redux.
- Created a full test suite using Jasmine, Karma, and Cucumber.js.

BI Worldwide - Contract Front End Developer

Edina, MN 55436

March 2015 to January 2016

- Architect the front end development stack for a React web application using webpack and Babel.
- Develop a fully responsive React application to display metrics and resources.
- Develop a single-page Ajax application with Backbone.js to display metrics and company news that worked on iPads and large touch-enabled TVs.
- Perform updates and debug other BI products.

Gustavus Adolphus College - Web Developer

St. Peter, MN 56082

January 2013 to February 2015

- Work with several groups on campus to develop content and applications to improve their web presence.
- Integrate and pull content from several social media sites include Twitter, Facebook, and Instagram.
- Develop new UI elements for the global theme.

Marketron Broadcast Solutions - Software Engineer

Hailey, ID 83333

April 2012 to December 2012

- Developed an integration testing framework for a media management program to reduce errors and downtime.
- Migrated Marketron Mobile from Rails 1.2 to 2.3, giving Mobile access to new and more efficient software to reduce overhead cost and a better experience for the clients
- Redesigned Marketron Mobile's backend to use Backbone.js, improving the end-users experience and making a more uniformed style between Marketron products.