

# Nicholas Dobie

Minneapolis, Minnesota

[nick@dobie.me](mailto:nick@dobie.me)

Personal Site: [nickdobie.com](http://nickdobie.com)

GitHub: [github.com/nrdobie](https://github.com/nrdobie)

LinkedIn: [www.linkedin.com/in/nickdobie](https://www.linkedin.com/in/nickdobie)

With over a decade of engineering experience, I am a seasoned developer with expertise spanning frontend, backend, and full-stack roles. Known for my dedication to enhancing the proficiency of fellow developers, I thrive on collaboration and mentorship, aiming to elevate team capabilities. My problem-solving skills are a cornerstone of my professional approach, whether it involves debugging or assisting colleagues with complex challenges. I have played a pivotal role in architecting numerous successful projects, significantly boosting development speed, minimizing production bugs, and enriching the developer experience. My comprehensive background and collaborative spirit make me a valuable asset to any development team.

## Professional Experience

### Prewitt Ridge

*June 2021 - February 2024*

#### Senior Software Engineer

- Implemented a React frontend using TypeScript within a monorepo architecture, facilitating the seamless development of additional microservices and platform integrations through shared code utilization.
- Drafted the specifications and established best practices for converting an existing RESTful API to a GraphQL API, overseeing the transition with a team of engineers.
- Set React coding standards and provided mentorship to several engineers on crafting efficient React code, thereby boosting team expertise and improving code quality.
- Collaborated with leadership to translate business requirements into actionable tasks for developers, ensuring deliverables remained realistic and achievable.

### Target

*June 2017 - June 2021*

#### Senior Software Engineer

- Designed and executed an application to optimize the design and development process of physical products, leveraging React and GraphQL for streamlined operations.
- Engineered a library to facilitate large file transfers with resume capability, significantly improving collaboration with international partners facing unstable internet connections.

- Created and implemented an Electron-based framework for POS systems, achieving remarkable increases in system uptime and enabling updates without downtime.
- Established React best practices and mentored multiple engineers on writing efficient React code, enhancing team proficiency and code quality.
- Led the creation of a UX design system that became the adopted standard for user experience across all internal applications company-wide.

## Leadpages

*June 2016 - July 2017*

### Engineer

- Engineered drag-and-drop functionality for a page builder leveraging Aurelia framework.
- Managed and enhanced a Python-based API for robust backend support.
- Designed and implemented end-to-end (E2E) and unit testing across multiple programming languages.
- Led the architectural design and supported the migration from Aurelia to React, due to improved adoption of React.
- Conducted React training sessions for developers, enhancing team proficiency in modern web development techniques.

## The Lacek Group

*March 2016 - May 2016*

### Contract Application Developer

- Developed an Adobe Campaign preview engine with PHP and JavaScript, enabling marketers to rapidly validate their campaigns.
- Oversaw the maintenance of a member rewards application.
- Designed and implemented an API to facilitate external access.

## AirVūz

*January 2016 - March 2016*

### Contract MEAN Stack Developer

- Contributed to troubleshooting and enhancing a video sharing platform, leveraging the MEAN stack (MongoDB, Express, Angular, Node.js).
- Led the redesign of the platform's front-end, incorporating Node.js, webpack, React, Redux, and PostCSS, with a focus on server-side rendering capabilities.
- Educated team members on developing applications using React and Redux.
- Developed a comprehensive testing framework utilizing Jasmine, Karma, and Cucumber.js.

## BI Worldwide

*March 2015 - January 2016*

### Contract Front End Developer

- Designed the front-end architecture for a React web application, incorporating webpack and Babel for efficient development.

- Built a fully responsive React application for showcasing metrics and resources across various devices.
- Created a single-page Ajax application using Backbone.js, tailored to display metrics and company news on iPads and large touch-enabled TVs.
- Conducted updates and troubleshooting for various BI Worldwide applications.

## Gustavus Adolphus College

*January 2013 - February 2015*

### Web Developer

- Collaborated with multiple campus organizations to enhance their web presence through content creation and custom applications.
- Implemented integrations to aggregate content from various social media platforms, including Twitter, Facebook, and Instagram.
- Engineered new user interface components for the overarching site theme.

## Marketron Broadcast Solutions

*March 2012 - January 2013*

### Web Developer

- Created a testing framework specifically for integration testing within a media management program, aiming to minimize errors and reduce system downtime.
- Upgraded Marketron Mobile from Rails 1.2 to 2.3, enabling access to newer, more efficient software technologies, thereby reducing operational costs and enhancing the client experience.
- Revamped the backend of Marketron Mobile to incorporate Backbone.js, which enhanced the user interface and ensured a more consistent design across Marketron products.

## Key Skills

- **React** - Expert
- **JavaScript & TypeScript** - Expert
- **GraphQL** - Proficient
- **Node.js** - Proficient