

Traverse City, MI
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Jared Miller

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Work Experience

Contract Software Engineer

Lelander
(Remote)

2016 - Present

As a contract software engineer at Lelander, I've worked with multiple clients on various projects, on both front and backend solutions.

- **Data Asset Management Application**
Technologies: Typescript, React, Node, Express, Mongo, Auth0, Azure
 - Improved application by paginating Mongo queries and updating the frontend to handle pagination.
 - Removed redundant caching, significantly reducing memory footprint.
 - Incorporate new customers, requiring additional business logic and provisionings.
- **Bus Station Arrival/Departure Application**
Technologies: Node, Express, Nunjucks
 - Incorporate new bus lines, complete with respective styles and business rules.
 - Updated the application to use Swiftly real-time APIs.
 - Reworked the design using Nunjucks and static templates.
 - Configure CI/CD for testing.
- **Seed Guides for Farmers**
Technologies: C#, Razor
 - Develop Razor rendered "seed guides" for farmers, output to PDF.
- **AlertWire Alerting System**
Technologies: C#, MSSQL
 - Extended the alerting system, enhancing functionality.

Senior Software Engineer

Hastings Mutual
(Remote)

2022 - 2023

Technologies: React.js, TypeScript, C#, .NET

- Brought on to build out functionality supporting a new insurance policy.
- Developed components systems in React and heavily leaned on a metadata driven approach to data and validation.
- Developed on a BFF service, responsible for communicating over an API and ultimately shaping data responsible for managing the UI.

Senior Software Engineer**NS1**
(Remote)**2017 - 2021***Technologies:* Node, React, Redux, SCSS, Nightwatch.js, Jenkins, Docker

- Worked on the Portal platform, a set of interfaces to configure your DNS/Zones, Monitors, and various Integrations.
- Developed and led a team of 3 to build out a new set of dashboards, allowing customers to understand their overall traffic distribution while drilling into specifics.
 - Designed multiple dashboards highlighting relevant traffic routing metrics such as latency, availability, and decisions.
 - Built out a variety of graph types with React Recharts.
 - Developed SVG functionality for region maps that highlighted DNS availability and latency.
- Developed a new set of React/Redux components for a general toolkit used across the Portal.
- Developed a RUM library to capture latency and similar metrics, aiding DNS traffic steering.
- Reworked the platform's scss into a modular, themable format, and added a user configurable toggle between light and dark mode.
- Set up the patterns and implementation for integration testing using Nightwatch.js.
- Created a command line tool for running a daemon and managing docker containers, configurable by yaml.
- Built out a new CICD pipeline in Jenkins, responsible for running tests and preserving log artifacts.

Software Engineer**Northpointe, Inc.**
Traverse City, MI**2015–2017***Technologies:* MVC, Asp.net, Web Forms, SQL Server, C#, VB, Knockout.js, Selenium, GhostDoc

- Worked on Northpointe Suite, a correctional inmate evaluation and classification application, adding new features, dialogs, database tables, SOAP and REST API's.
- Added observable frontend logic relying on Knockout.JS
- Converted web forms pages to MVC, and VB to C#.
- Documented public SOAP API's and other components.
- Modernized the platform style by incorporating Twitter Bootstrap.

Web Developer**Byte Productions**
Traverse City, MI**2013 - 2015***Technologies:* PHP, Zend Framework, Python, PHPUnit, MySQL

- Maintained an in-house PHP built CMS, extending it with functionality.
- Co-led a rewrite of the CMS in Django/Python.
- Developed customized web applications based on client needs.

Software Developer**DRI**
Traverse City, MI**2012 - 2013***Technologies:* C#, Google App Scripts

- Developed Web APIs in .NET C#.
- Developed internal tools leaning heavily on Google Sheets and the accompanying JS API.

Technologies and Languages

- Languages: TypeScript, Python, C#, PHP, SCSS, Perl, Bash
- Libraries: TypeScript, React, Redux, Nest.js
- Technologies: Linux, Git, Docker, Node.js
- Testing: Mocha, Jest, Nightwatch, Selenium

References available upon request.