

Traverse City, MI
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Jared Miller

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Work Experience

Senior Software Engineer

Hastings Mutual
(Remote)

2022 - 2023

React.js, TypeScript, C#, .NET

- I joined Hastings to build out functionality for supporting a new type of insurance policy.
- Developed components and functionality in React and heavily leaned on a metadata driven approach to data, validation, and more.
- Developed on our BFF service in C#, responsible for communicating with external services, and ultimately shaping DTOs that drive the metadata for the UI.

Senior Software Engineer

NS1
NYC (Remote)

2017 - 2021

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.

Contract Software Engineer**Lelander**

St. Louis, MO (Remote)

2016 - Present*Node, Express, TypeScript, Mongo, C#, MSSQL, Docker*

- Improved a Data Asset Management application by paginating mongo queries and updating the frontend to understand pagination. Also removed redundant caching to reduce the memory footprint drastically.
- Updated a bus station's arrival/departure application to use real-time APIs, working with Node and Express. Reworked the design using Nunjuck.
- Developed a set of seed guides for farmers using C# and Razor, generating PDFs.
- Extended an alerting system for AlertWire using C# and MSSQL.

Software Engineer**Northpointe, Inc.****2015–2017**

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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****2013 - 2015**

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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****2012 - 2013**

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

References available upon request.