

# Michael Faber

Software Professional



Omaha, Nebraska, USA



## Information

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Check out my website [michaelfaber.github.io](https://michaelfaber.github.io)!

See my personal projects at [github.com/michaelfaber](https://github.com/michaelfaber)!



## Education

Bachelor of Mathematics, Minor in Computer Science

University of Nebraska-Lincoln

August 2014 - May 2018



## Experience

DevSecOps Engineer, Phreesia

[September 2021 - Present](#)

Building tools that monitor vulnerabilities and inject security into every stage of development.

- Built a custom Microsoft Teams application using React, TypeScript, Teams Toolkit, and Azure. The app aggregates and visualizes reports retrieved by consuming the APIs of security tools such as Automox, PagerDuty, and Signal Sciences
- Wrote AWS Lambdas using Golang, Python, DynamoDB, and Serverless to listen for events from security tools
- Manage AWS resources
- Move existing projects to new, standardized Gitlab CI pipelines

Senior Frontend Developer, Assurity

[December 2019 - September 2021](#)

Moved from IT to Marketing, a smaller team with a startup culture. Filled their need for someone with a backend and operations skill set, despite the title.

- Built the backend, CI/CD pipeline, and some of the frontend components of [criticalillness.assurity.com](https://criticalillness.assurity.com). Created with .NET Core, VueJS, and hosted on Azure DevOps to sign up for a critical illness insurance policy start to finish
- Built the backend, the CI/CD pipeline, and many of the frontend components of an unreleased website to sign up for a disability income

insurance policy start to finish, using .NET Core, VueJS, and hosted on Azure DevOps

- Built CI/CD pipelines for existing projects using Azure DevOps
- Improved accessibility on [assurity.com](https://assurity.com)

## Software Developer, Assurity

June 2018 - December 2019

Worked on Assurity's core set of public APIs for vendors to consume as "insurance as a service."

- Lead a team of interns to create a .NET Core API for our DocuSign integration
- Lead the effort to upgrade from Team Foundation Server 2016 to Azure DevOps 2019
- Refactored the Quote API, an API that uses .NET Core and Microsoft SQL Server to calculate premiums for all products based on health information, consumed by Assurity and vendors, seen here: [myquote.assurity.com](https://myquote.assurity.com)

## Software Development Intern, Assurity

September 2016 - June 2018

Learned the fundamentals of life working in software.

- Created many internal websites using Angular, .NET Core, and Microsoft SQL Server for other departments to run reports
- Migrated existing APIs from .NET Framework to .NET Core
- Created CI/CD pipelines in Team Foundation Server



## Skills

Tools I've used in a production setting and feel confident with.

Languages	C#, JavaScript, TypeScript, HTML, CSS, Golang, Python, PowerShell, Bash
Frameworks	.NET Core, React, VueJS, jQuery, Serverless
Testing	Dependency Injection, Nunit, Moq
Cloud	AWS: Lambda, API Gateway, IAM, CloudWatch, SSM
DevOps	Azure DevOps, GitLab, GitHub, Team Foundation Server
Databases	Microsoft SQL Server, Entity Framework, MySQL, DynamoDB
Dev Tools	Visual Studio, Visual Studio Code, Postman, Git, Fiddler, Chrome Developer Tools
OS	Windows, Windows Server, CentOS (Linux), MacOS