

Michael Faber

Software Engineer



Omaha, Nebraska, USA

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Information

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Read more about me here!
Read even more about me here!
My personal projects!
Waxing poetic about my career!



Education

Bachelor of Mathematics, Minor in Computer Science

University of Nebraska-Lincoln

August 2014 - May 2018



Experience

Microsoft

Software Engineer II - Power BI Metrics

April 2022 - Present

Building a world class data visualization experience.

- Improved the onboarding experience by rewriting documents with instructions for setting up development environments
- Use Angular and TypeScript to modify and add new responsive, accessible, and testable components
- Implemented the new header design for the metrics scorecard
- Manage virtual machines and other Azure resources for development
- Collaborate with other developers and design teams

Phreesia

DevSecOps Engineer - Security

September 2021 - April 2022

Created tools to monitor vulnerabilities and inject security into 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 and manage their AWS resources
- Moved existing projects to new, standardized Gitlab CI pipelines

Assurity

Senior Frontend Developer - Marketing

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. 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

Software Developer - IT

June 2018 - December 2019

Worked on Assurity's mission to deliver "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

Software Development Intern - IT

September 2016 - June 2018

Learned the fundamentals of life working in software.

- Worked on core set of APIs built with .NET Core and MS SQL to deliver "insurance as a service" to vendors
- Created direct to consumer applications with Vue and .NET Core to consume core set of APIs, such as criticalillness.assurity.com
- Created CI/CD pipelines for new and existing services and applications
- Improved accessibility on existing websites such as assurity.com