

# Michael Stergianis

## Programmer

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## Attributes

- Eager to take on a leadership role
- Willing to give an opinion without being strongly attached
- Helps peers through problems
- Quickly picks up concepts from others
- Able to effectively explain complex concepts
- Investigates problems deeply until they have an answer
- Able to work independently or in a group

## Experience

### Senior Software Engineer

VMware – Broadcom Inc. (by acquisition)

📅 Jan 2022 – Oct 2024   📍 (Remote) Oshawa, Ontario

Served as technical lead on the Tanzu Developer Portal team.

- Was central to the successful release of the product during multiple release deadlines
- Worked with key stakeholders to interpret customer needs and scope new tracks of work
- Started a series of meetings where engineers would come together to talk about technical debt; the artifacts of the meeting were new tickets in the backlog to address said technical debt
- Performed and taught others to do CVE triaging
- Worked one on one with users of the product to understand their pain and determine solutions to their problems

### Software Engineer 3

VMware

📅 Oct 2020 – Jan 2022   📍 (Remote) Oshawa, Ontario

Continued to hone my skills

- Was mentored by a more senior engineer and involved in conversations that steered the technical direction of a new team.
- Performed a [large refactor](#) on an unfamiliar codebase to a custom transport mechanism to be used in our proprietary product.

### Software Engineer 2

Pivotal – VMware (by acquisition)

📅 Aug 2019 – Oct 2020   📍 Toronto, Ontario – (Remote) Oshawa, Ontario

Joined a full-stack team and began my journey.

- Led and designed a track of work where a software system, [cf-mgmt](#), was automated using [git2go](#)
- Performed medium size refactor in the front-end to reuse code
- Maintained a full stack codebase in Golang and Typescript
- Learned pair programming and Test Driven Development (TDD)
- Became the team anchor (technical lead)

## Education

### HBSc. Computer Science

University of Ontario Institute of Technology

📅 Sep 2014 – Apr 2018   📍 Oshawa, Ontario

- Graduated with Highest Distinction
- Maintained the highest GPA among peers

## Skills

Typescript   React   Golang   TDD   FluxCD  
Kubernetes   Bash   Linux   Vim

## Projects

### Homelab

Maintains a home server infrastructure

- NAS running TrueNAS with a ZFS RAID array
- Multi-node Kubernetes cluster deployed with kubeadm
- NFS storage class for applications that need persistent disc
- Kubernetes manifests are managed in git control using FluxCD

### Tanzu Developer Portal

Maintained a codebase split across several teams and repositories

- Full stack web app in Node, Typescript and React that enabled users to create internal developer portals.
- Several teams, approximately 30 engineers total, maintained plugins that were reviewed and integrated by us
- Was the first Backstage offering to market with no-code configurable plugins.
- Featured a [carvel](#) install that automated away many pain points of the Backstage install process

### Ship of Harkinian

A PC port of [The Legend of Zelda: Ocarina of Time](#)

My friend and I added a text filter to the [Ship of Harkinian](#) randomizer check tracker. For more information, check [this](#) out.

## Hobbies

[Cooking](#) means so much to me. As a way of communicating love, a form of self care, meditation, and of course the results are delicious.

[Crosswords](#) are my recreational puzzle of choice. My current best NYT Monday time is 4:34.

[Bouldering](#) allows one to push their body to its limits while working through complex spacial problems.

[Hiking](#) in nature is a wonderful way to spend time. You can work out complex problems in your head, or simply clear it.