

# 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 product's successful release during multiple release deadlines.
- Worked with key stakeholders to interpret customer needs and scope new tracks.
- Started a series of meetings where engineers would come together to talk about technical debt; the meeting produced actionable items in the backlog.
- Performed and taught others to do CVE triaging.
- Worked one on one with users to understand their pain and determine solutions.

### Software Engineer 3

VMware

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

Continued to hone my skills.

- Joined a new team and was invited to participate in planning meetings. Allowing me to help steer the technical and product outcomes of the project.
- 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 complex 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 kubeadm deployed [kubernetes](#) cluster.
- NFS storage class for apps that need persistent disc.
- Kubernetes manifests managed in git using FluxCD.

### Tanzu Developer Portal

Maintained a codebase split across several teams and repositories

- Full stack web app in Node and React that enabled users to create internal developer portals.
- Several teams, approximately 30 engineers total, maintained plugins that were reviewed and integrated by our team.
- 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 out the [blog post](#) I wrote on this.

## 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 me to push my body to its limits while working through complex spatial problems.

[Hiking](#) in nature is one of my favourite ways to spend my time. Sometimes I work out complex problems in my head, or simply clear it.