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.