# Mitchell Turner - AWS/K8S/TF

# **SKILLS**

Terraform: 2015-Present - Senior Infrastructure Engineering Level

Bash: 2009-Present - Senior Infrastructure Engineering Level

Python: 2009-Present - Senior Software Engineer Level

Golang, Java, JS(FE & BE) and others: I've written code since the early 2000s, self-taught

beginning in 6th grade.

AWS: 2013-Present - Senior AWS Engineer Level

VMware/KVM/OpenVZ: A little rusty but before the cloud, that's how we did it

#### **EXPERIENCE**

#### ModernLoop, Remote - Senior Infrastructure & Automation Engineer

JUNE 2022 - MARCH 2025

- Migrated existing cloud resources to Terraform
- Managed 50-60 TF modules to wrap our resources, manage helm charts and build multiple envs
- To keep our IaC DRY, I wrote a Bash powered codegen system and environment manager
- Designed all modules to limit the blast-radius and protect critical resources and Terraform state
- SOC2 Type 2, ISO

## Flourish Software, Remote - Senior DevOps/Infrastructure Engineer

JUNE 2019 - JUNE 2022

- Fully greenfield infra/devops straight to Terraform and Bitbucket Pipelines
- Maintained a monorepo with dozens of TF+Ansible modules for our DEV, QA and PRD envs
- Used extensive Ansible playbooks, Python modules, Bash and Terraform to manage all cloud and SDLC resources
- Using various languages and tools, I deeply integrated system build-out, operations and DR scenarios into the SDLC
- SOC2 Type 2, ISO

#### **ThreatConnect, Remote** — Lead DevOps Engineer

DECEMBER 2015 - JUNE 2019

- Migrated existing "traditional" EC2 infra into Ansible and Terraform
- Managed dozens of repo and projects in Jenkins and Gitlab to manage all infra and SDLC concerns
- I wrote many "low-level" tools during this time to augment products from SAP and Oracle such as custom DB BDR tools(mysqldump and hsql replacements) as well as extensive Javaagent development and GC tuning

• SOC2 Type 2, ISO

# Various Datacenters, NC - Lead Datacenter Network & Virtualization Engineer

JULY 2012 - DECEMBER 2015

- Designed and built multi-site data center infrastructure for a regional Layer 2 WAN provider.
- Developed a geo-aware asset ticketing system using Node.js and Bootstrap.
- Led the launch of a VPS hosting product via early adoption of container tech(vz)
- Extensive tooling built in Bash and Python with some Ruby and C# where appropriate

### **Programming Languages & Tools**

AWS, Kubernetes, Terraform, Ansible, Helm, Docker, Golang, Java, Python, MySQL, Postgres. Deep and broad experience across the entire tech stack.

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# Mitchell Turner - APP DEVELOPMENT

## **SKILLS & EXPERIENCE**

I began writing code somewhere around 2001, on a school TI-83 calculator in TI-BASIC. While in my first role in a computer shop in 2009, I wrote automation with "AutoIT" to streamline our new-install checklist. In the same era, I wrote software to clone arcade/gambling game hard drives for a local yendor.

In 2012, I began writing software to support a buried fiber-optic network in North Carolina. The statewide "811" system was based on plain-text emails. I built a responsive mobile ticketing system that rendered our underground assets on a satellite map and kept our reporting compliant with the state.

Since 2015, I have worked in SaaS companies as an infrastructure and devops engineer. I've led teams, passed several compliance audits and developed countless task/company specific tools.

Most recently, I have developed Track Link(<a href="https://tracklink.in">https://tracklink.in</a>), an SEO and PPC keyword research tool. I also maintain a website for AWS cost optimization consulting at <a href="https://opsdepartment.com">https://opsdepartment.com</a> and an affirmations and quotes library at https://thinkaffirm.com

