



# Matthew Taylor

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 LinkedIn

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## ABOUT

A highly motivated Devops team member with great time management skills looking to leverage 13 years of experience to help a company efficiently operate in a private or public cloud at scale.

## EXPERIENCE

### Manager of Software Engineering, [Akiri](#)

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March 2020 — July 2020  5 months

Lead a team of Software Engineers through milestones and transitions while maintaining a high level of work throughput and quality.

- Worked with product owners and architects to define product requirements and organize priorities
- Communicated with the Engineering team to ensure the priorities were properly organized and work was completed
- Worked with the executive leadership to properly set milestones and reported on our progress
- Handled personnel transitions and promotions
- Ran regular one on one meetings with the team members

### Software Engineer - Devops, [Akiri](#)

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February 2017 — March 2020  3 years

Built tooling, infrastructure, and the code base from scratch focusing on efficient testing and updates while maintaining a secure environment.

- Build out the infrastructure footprint using Terraform, Python, and scripting to allow for quick deployment, testing, destruction, and updates
- Design, Built, and Maintained Akiri's Disaster Recovery Process
- Lead Akiri's AWS Security Posture
- Developed internal tools that developers use to build, test, and deploy code
- Used AWS services when needed to support our deployments. eg: ECS, Lambda, SQS, SSM, Secrets manager, KMS, etc
- Ensured our supporting infrastructure was up to date and available
- Added Slack bots to provide environment updates
- Supported our Staging and Production environments
- Managed our build infrastructure including Jenkins and github
- Built Jenkins pipelines to allow for automated PR tests and code-deploys to different environments
- Lead the Akiri HIPAA posture and ensured we were compliant
- Participated in feature design and security reviews
- Built tooling to build our gold AMIs and deployed them for testing nightly via Jenkins jobs
- Ran multiple Kubernetes clusters on EC2 nodes and managed upgrading and testing new versions

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## Senior Cloud Solutions Architect/Platform Analyst, [Skillsoft](#)

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August 2015 — February 2017 ⌚ 2 years

Lead the first combined Development/Operations squad responsible for the creation and release of Skillsoft's latest product offering.

- Planning, designing, implementing, and supporting an Openshift based containerized microservice SaaS hosted in a hybrid cloud (In our datacenter and AWS) running on RedHat
- Maintained a container platform that is highly available and easily scalable, maintained, and upgraded while remaining online
- Document and diagram environment deployments and communication flow
- Write, maintain, and support Ansible playbooks to ensure standardized configuration and deployment
- Manage agile software deployments with Ansible and Ansible Tower
- Write and support Terraform scripts to manage our public cloud and CDN deployments
- Maintain our GitLab installation and ensure our infrastructure as code and other scripts are version controlled
- Experience with Akamai, Fastly, and custom-built content delivery networks
- Ran training sessions for other people in Operations on containers, Kubernetes, Openshift, and other aspects of a micro-service deployment
- Set up monitoring and log collection via Splunk, New Relic, CloudForms, Sentry, and more
- Experience in running Elasticsearch, Kafka, FluentD, Cassandra, Redis, RabbitMQ and more both on and off platform in a production environment

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## Hosting Application Engineer, [Skillsoft](#)

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December 2011 — August 2015 ⌚ 4 years

Primarily responsible for the availability of our Content Delivery Network and our Platform.

- Worked primarily with our CDNs both custom-built in private and public clouds along with purchased CDN services
- Deployed software patches to our legacy product via a manual process
- Took steps to automate much of the manual patching process
- Handled the weekly content release process for new content
- Developed a set of scripts to automate a lot of the work
- Experience with Attunity data replication products for large enterprise data replication and file moves
- Worked a 24/7 on-call rotation and was an escalation point for after-hours outages

## Hosting Support Specialist, [Skillsoft](#)

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November 2007 — December 2011 ⌚ 4 years

Front line Operations support.

- Primarily responsible for ticket escalations from our technical support contact center
- Provisioned customer's online portals and customized them for the specific company
- Troubleshoot issues and fixed them as needed which including writing SQL scripts, gathering performance metrics, and making OS resource adjustments as needed
- Monitored and resolved outages during normal working hours

## EDUCATION

### Network Design and Administration, Diploma

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2005 — 2007 ⌚ 2 years

New Brunswick Community College

CCNA/CCNP

## </> SKILLS

### Infrastructure

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Docker Kubernetes Openshift Vault Packer Various AWS services

### Programming

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Python Bash SQL Terraform AWS-CLI AWS-SDK (for Python)

### Developer Tools

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Git VSCode JIRA Trello Slack

Build

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- Gradle
- Maven
- Jenkins
- Ansible

Cloud Platforms

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- AWS
- Azure

Operating Systems

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- Linux
- MacOS
- Windows

