



# Patrick A. Jain-Taylor

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Cloud Architect | DevOps Engineer

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Strategic and results-driven DevOps leader with a record of enhancing enterprise cloud security, scalability, and operational efficiency. Proven expertise in architecting large-scale AWS environments, implementing Zero-Trust network models, and cultivating high-performing engineering teams. Adept at driving standardization and adopting Agile & DevOps best practices to accelerate business value delivery.

Contact me

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## Experience

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### Lyra Health

Manager, DevOps • Aug. 2024 — Present

Lead, DevOps Engineer • Jul. 2023 — Jul. 2024

Senior DevOps Engineer • Jul. 2022 — Jun. 2023

- Cultivated a high-performing DevOps team of 3 engineers, providing mentorship and career development that fostered expertise in Infrastructure-as-Code (IaC), cloud networking, and CI/CD automation to consistently deliver on project milestones.

- Spearheaded the ground-up redesign of the DevOps Agile framework, improving delivery predictability and cross-team alignment. The resulting model was successfully adopted as the standard for multiple TechOps organizations, demonstrating its scalability and effectiveness.
- Directed the enterprise-wide migration to a modern Zero-Trust Network Access (ZTNA) solution (SonicWall), enhancing security posture and user experience for **3,000+ users** accessing **1,000+ internal services** with zero downtime.
- Architected and implemented AWS Control Tower and Account Factory for Terraform (AFT), automating the provisioning of secure, well-architected AWS accounts. This reduced new account setup time, enforced security guardrails from inception, and established a scalable governance model for future multi-account application deployments.
- Championed a culture of knowledge sharing and technical excellence by establishing a DevOps 'Show & Tell' forum and dedicated office hours, increasing team engagement and accelerating skills development across junior and senior engineers.
- Engineered and automated the cloud infrastructure (VPC, ELB, WAF, Route 53) supporting critical internal phishing simulations, directly contributing to an improved security awareness and resilience posture across the organization.
- Optimized the global cloud network fabric using AWS Transit Gateway and Network Manager, centralizing routing and security policy enforcement. This eliminated complex VPC peering meshes, simplified IP address management (IPAM), and strengthened the organization's multi-region network security.

## **Eaton Vance Management, a Morgan Stanley company**

**Cloud Architect, Core Services • Jan. 2019 — Jun. 2022**

Subject matter expert on all things cloud, leading efforts in architecting, engineering, and operating in AWS.

## **Eaton Vance Management**

**Network Automation Engineer • Oct. 2017 — Jan. 2019**

Focused on automating traditional enterprise networking infrastructure with Python scripting and Ansible playbooking.

## **SS&C Technologies**

**Network Engineer • Oct. 2013 — Oct. 2017**

## **Columbia University**

Various Roles, CU Information Technology (CUIT) • Sept. 2012 — May. 2014

## **General Dynamics**

Intern • May. 2013 — Aug. 2013

## **Providence College**

Various Roles, PC Information Technology (PCIT) & Ghana Sustainable Aid Project (GSAP) • Sept. 2010 — Aug. 2012

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## **Certification**

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### **Terraform Associate**

Hashicorp • 2020

### **AWS Certified Solutions Architect – Associate**

Amazon Web Services • 2019

### **Programming with Python**

Codecademy • 2018

### **CCNA Routing & Switching**

Cisco • 2015

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## **Education**

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### **Columbia University**

Bachelor of Science, Electrical Engineering • 2012 — 2014

### **Providence College**

Bachelor of Arts, Pre-Engineering • 2009 — 2012

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# Technologies

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## Amazon Web Services

Auto Scaling, Backup, Certificate Manager, CloudFormation, CloudFront, CloudWatch Logs, Config, Control Tower, Direct Connect, DynamoDB, EBS, ECR, ECS, EKS, ELB, EventBridge, IAM, Kinesis Data Streams & Firehose, KMS, Lambda, PrivateLink, RDS, Route 53, Route 53 Resolver, S3, Security Groups, Secrets Manager, SNS, SQS, Step Functions, Transit Gateway, VPC, WAF

## Third-Party Cloud Services

Artifactory, Bridgecrew, CloudHealth, Datadog, Nexus, Opal, Prisma, Snowflake, Sonatype, Splunk, Sumo Logic, Wiz

## Infrastructure as Code & Configuration Management

Terraform, CloudFormation, Ansible, Chef

## Containerization & Orchestration

Docker, Kubernetes

## Continuous Integration & Continuous Delivery

Github Actions, GitLab Runner, Jenkins

## Programming Languages

Python, Bash/ZSH

## Agile Technologies

Atlassian Jira & Confluence

## Networking

Cisco, Juniper, Aruba, Palo Alto Networks, Netskope, Banyan

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# Associations

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# **Hack.Diversity**

**Mentor • 2021 — 2024**

Hack Diversity is a talent provider of Black & Latinx technologists, supporting underrepresented talent with a yearly fellowship and incubator program. I serve in a mentor role to Hack fellows, and provide education in cloud technologies.

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Inspired by [@jglovier](#). Source project can be forked from [GitHub](#).