



Patrick A. Jain-Taylor

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Manager, DevOps Engineering



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

Experience

Lyra Health

Manager, DevOps • Aug. 2024 — Present

- 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 Lyra 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.

- 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.

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

- 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.
- Optimized the Lyra global cloud network fabric using AWS Transit Gateway, Network Firewall 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.

Senior DevOps Engineer • Jul. 2022 — Jun. 2023

- Directed the enterprise-wide migration to a modern Zero-Trust Network Access (ZTNA) solution (SonicWall Cloud Secure Edge, formerly Banyan), enhancing security posture and user experience for **3,000+ users** accessing **1,000+ internal services** with zero downtime.
- 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.

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.

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

Graduated from part-time site-to-site VPN & firewall administration to full-time design & deployment of resilient networks, serving as primary point-of-contact for 80+ branch office and datacenters.

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

Certification

Terraform Associate

Hashicorp • 2020

AWS Certified Solutions Architect – Associate

Amazon Web Services • 2019

Programming with Python

Codecademy • 2018

CCNA Routing & Switching

Cisco • 2015

Education

Columbia University

Bachelor of Science, Electrical Engineering • 2012 — 2014

Providence College

Bachelor of Arts, Pre-Engineering • 2009 — 2012

Technologies

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

Associations

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.

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