Patrick A. Jain-Taylor

San Jose, CA • (508) 565-8116 • patrick.andrew.taylor@gmail.com

Cloud Architect | DevOps Engineer

Professional Cloud Architect and DevOps Engineer with 10+ years of experience in Information Technology in Financial & Mental Health Services. Skilled in Amazon Web Services, Terraform, Kubernetes, Python, and Networking. Strong focus on leadership, team building, and organizational advancement. How can I help?

Contact me

Experience

Lyra Health

Manager, DevOps • Jul. 2022 — Present

Drives initiatives to standardize our cloud deployments, zero-trust network access, Agile workflows, and DevOps best practices for the broader organization.

- Rebuilt DevOps Agile program from the ground up to support daily standups, weekly backlog grooming, bi-weekly ceremonies, and quarterly initative planning to keep our program deliveries on-time; established as a model now used by multiple TechOps organizations.
- Led initiative to migrate away from our legacy zero-trust network access (ZTNA) solution to Banyan Security (now SonicWall Cloud Secure Edge) ZTNA; now supports 1000 services across 3000 internal users.

- Deployed AWS Control Tower in our AWS Organization to deploy new AWS accounts with necessary security controls & governance, deploy well-architected solutions to our accounts using Account Factory for Terraform, and support future initiatives to fan out our existing applications into dedicated account stacks.
- Mentors mid-level, senior, and staff colleagues through dedicated 1-on-1 time, scheduled office hours, and a bi-weekly show & tell event for all DevOps members to demonstrate their work to the team and critical stakeholders.
- Provides architectural & engineering support for internal security trainings with phishing simulations, including the management of Well-Architected ACM, ELB, IAM, Route 53, ACM, SES, VPC, and WAF services.
- Manages a global cloud network using AWS Network Manager, to reduce our reliance on VPC peering, ensure reachability of resources across regions, analyze & enforce least-privileged access between resources, and manage IP space effectively as we scale.

Lyra Health

Lead, DevOps Engineer • Jul. 2022 — Present

Lyra Health

Senior DevOps Engineer • Jul. 2022 — Present

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

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.