

# AJAY DHUNGEL

DevOps Engineer @ Deskree Technologies | 9x AWS Certified | AWS Community Builder  
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+1 4378706261 – Toronto, ON (Relocation OK)

## Professional Summary

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DevOps Engineer with 3 years of professional experience, 4+ years of AWS exposure, and a 4-year tenure as AWS Community Builder. Maintained SOC 2 compliance across EKS and serverless platforms, drove AWS DevOps Competency designation as an AWS Partner engineer, and built agentic AI systems on Amazon Bedrock; presented at AWS Summit Toronto 2025 and 2026.

## Experience

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**Deskree Technologies Inc | DevOps Engineer | Toronto, ON** **03/2025 – 02/2026**

- Delivered 99.9% production uptime by leading AWS platform operations across EKS, RDS Aurora, VPC, and ALB.
- Engineered modular Terraform stacks with dev/prod Terraform Cloud workspaces, automating plan/apply workflows, centralizing secrets via AWS Secrets Manager, and bringing all untracked resources under IaC control.
- Built GitHub Actions CI/CD pipelines for containerized Next.js, TypeScript, and Python MCP server services, automating builds, tests, and ECR delivery; bootstrapped EKS clusters with Ansible and deployed ArgoCD via App of Apps for GitOps.
- Reduced monitoring and infrastructure costs by centralizing observability with CloudWatch and Container Insights, developing Python Lambda functions to route alarms to Slack, and rightsizing resources.
- Maintained SOC 2 compliance via Vanta, triaging and remediating flagged controls to ensure continuous audit readiness.
- Enforced least-privilege IAM across multiple AWS accounts under consolidated billing as the sole DevOps engineer, managing users, roles, and policies for all engineering teams.

**Genese Solution | Cloud Engineer | Kathmandu, Nepal** **03/2022 – 12/2023**

- Architected and operated serverless microservice platforms on AWS (Lambda, DynamoDB, API Gateway, CloudFormation), achieving 99.9% availability across multiple client accounts.
- Automated infrastructure provisioning and multi-service deployments for Cross River Bank using Terraform, CloudFormation, CodePipeline, and Jenkins, cutting manual release effort.
- Led 45+ AWS Well-Architected Framework Reviews, producing architecture diagrams in Lucidchart and Draw.io to surface risks and align clients with AWS best practices.
- Hardened security across multiple client AWS environments by executing IAM audits and vulnerability assessments, implementing data protection controls in regulated cloud environments.

## Projects – GitHub: [github.com/ajaydhungel7](https://github.com/ajaydhungel7)

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**bedrock-agents-collab** | AWS Summit Toronto 2025 | *Terraform, Amazon Bedrock, Python* **2025**

- Built Terraform infrastructure for a multi-agent collaboration system on Amazon Bedrock; demo presented at AWS Summit Toronto 2025.
- Provisioned Bedrock agents, orchestration layer, and supporting AWS infrastructure fully as code.

**k8s-gitops** | *Terraform, Terragrunt, ArgoCD, Jenkins, EKS* **Active**

- Implemented a full GitOps lifecycle on AWS EKS, deploying FastAPI, Nginx, MongoDB, and Redis via ArgoCD App of Apps.

- Provisioned and managed cluster infrastructure with Terraform and Terragrunt; automated deployments through Jenkins pipelines.

**railsflow-ci** | *GitHub Actions, EKS, Helm, Terragrunt, Ruby* Active

- Built a production-grade CI/CD pipeline for Ruby on Rails targeting EKS with Helm chart deployments.
- Automated test, build, and deploy stages via GitHub Actions with Terragrunt-managed infrastructure.

**aws-cdk-chatbot** | *Python, AWS CDK, Lambda, API Gateway, Amazon Bedrock* Active

- Built a serverless chatbot API on AWS using CDK, API Gateway, Lambda, and Amazon Bedrock for LLM inference.

## Education

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**Lambton College** | Post-Graduate Certificate in DevOps For Cloud Computing 2025  
*Graduation Dean's List*

**Tribhuvan University** | Bachelor of Information Management 2022

## Technical Skills

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**IaC:** Terraform, Terragrunt, Ansible, CloudFormation

**Containers:** Kubernetes (EKS), Docker, Helm, ArgoCD

**CI/CD:** GitHub Actions, Jenkins, CodePipeline, GitOps

**Scripting:** Python, Bash, Linux

**Cloud:** AWS – EKS, ECS, RDS Aurora, Lambda, VPC, ALB, ECR, Secrets Manager, IAM, SES, Bedrock

**Observability:** CloudWatch, Container Insights, Prometheus, Grafana, Datadog, alerting

**Security:** DevSecOps, SOC 2, Vanta, shift-left practices

## Certifications

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**AWS Certified DevOps Engineer – Professional** | Amazon Web Services Sep. 2024

**AWS Certified Solutions Architect – Professional** | Amazon Web Services Jan. 2026

**AWS Certified Generative AI Developer – Professional** | Amazon Web Services Jan. 2026

**AWS Certified CloudOps Engineer – Associate** | Amazon Web Services Oct. 2025

**AWS Certified Developer – Associate** | Amazon Web Services Sep. 2025

**AWS Certified Machine Learning Engineer – Associate** | Amazon Web Services Feb. 2025

**AWS Certified Solutions Architect – Associate** | Amazon Web Services Jun. 2023

**HashiCorp Certified: Terraform Associate (003)** | HashiCorp Dec. 2023

## Community & Accomplishments

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- AWS Community Builder (2023–2026).
- **All Builders Welcome Grant** | Amazon Web Services, 2025.
- Speaker: AWS Summit Toronto 2025 – Multi Agent Collaboration on Amazon Bedrock.
- Speaker: AWS Summit Toronto 2026 – Configuring Openclaw agents on AWS environment in minutes.