

Sumesh Pradhan

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Skills

Languages: Python, TypeScript, Golang, Bash, SQL, PromQL

Infrastructure-as-Code: Terraform, AWS CloudFormation, AWS CDK, Ansible, Hashicorp Packer

Containerization and Orchestration: Docker, Kubernetes, Helm, AWS ECS, Azure Container Instance, Hashicorp Nomad

CI/CD: Github Actions, CircleCI, AWS Codepipeline/Codebuild, FluxCD

Technical Skills: Cloud Architecture/System Design, Operating Systems, Cloud Operations/Security/Networking, Release Management, GitOps, Object Oriented Programming, Technical Writing, Troubleshooting, Technical support L2

Experience

Eventbrite, Senior Software Engineer - Platform (DevOps) Remote
Kubernetes, Hashicorp Nomad, FluxCD, Github Actions, CircleCI, AWS Lambda, Fargate, CloudWatch, Eventbridge, SNS, Codepipe/Codebuild, CDK constructs, Terraform, Python, bash, Typescript, Golang Oct 2023 – Present

- Built a self-service CLI for infrastructure provisioning, reducing manual admin TOIL by 30
- Designed and implemented CDK constructs enabling canary releases for serverless services (Lambda, Fargate) with automated rollback, improving reliability and setting uptime at 99.9
- Developed real-time CI/CD pipeline monitors with DORA metrics for deployment efficiency and visibility.
- Optimized AWS resource usage and cost, reducing monthly cloud expenses by 15

Appsmith, DevOps Engineer Remote
AWS, Kubernetes, Docker, Helm, AWS ECS, MongoDB, Prometheus, Grafana, Terraform, Github Actions, Python, JavaScript, Bash, Technical Writing, Technical Support L2 Feb 2022 – Oct 2023

- Built a backup and restore CLI utility for Appsmith, streamlining data management.
- Integrated health checks in NGINX with a loading screen, cutting onboarding queries by 50%.
- Created a pipeline to publish Appsmith machine images for AWS and Azure VMs.
- Designed and documented self-hosting Appsmith serverless(ECS Fargate, Azure Container Instance).
- Integrated Grafana Stack Monitoring (Prometheus, Tempo, Loki) for metrics, traces, and logs.

Voiro, Software Engineer - Backend Bangalore, IN
AWS, Docker, Django REST Framework, Python, Postgres, Redis, Firebase FCM Apr 2021 – Feb 2022

Sonicwall, Software Dev Associate Engineer Bangalore, IN
Python, Perl, Bash, Docker, AWS, Flask Mar 2019 – Apr 2021

Education

BE **Visvesvaraya Technological University**, Computer Science Sept 2014 – May 2018

Certifications

Kubernetes Certified Application Developer 2024
Linux Foundation (CNCF) [Credential](#) 

AWS Certified Cloud Practitioner 2023
Amazon Web Services (AWS) [Credential](#) 