



Gautham Prakash

Cloud / DevOps Engineer

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Profiles

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Summary

Cloud & DevOps Engineer with 5+ years of experience across UAE, India and United States, contributing to enterprise cloud transformations, DevOps enablement, and automation initiatives. Proven expertise in designing secure, resilient, and cost-optimized cloud architectures on **AWS, Azure**, implementing CI/CD pipelines, containerization, and cloud governance. AWS Certified in AWS Solutions Architect – Associate, AWS Developer – Associate, and AWS SysOps Administrator – Associate. Experienced in mentoring teams, driving FinOps initiatives, and delivering complex projects across AI, IoT, Cloud and enterprise applications.

Experience

Albatha Holding LLC August 2024 - Present
DevOps Engineer
<https://www.albatha.com>
Dubai, UAE

- Cloud & DevOps Enablement:** Led infrastructure modernization, CI/CD pipelines, and developer experience improvements across Albatha Group.
- On-premise → Dropbox → SharePoint Migration:** Migrated critical audit data ensuring zero data loss and compliance. Automated bulk uploads via custom solution where native solutions where failing.
- Website Centralization Initiative:** Consolidated multiple (10) websites, improving deployment speed, reducing vendor lock-in, transparent licensing and optimizing cost for group companies.
- AI & IoT Infrastructure:** Designed GPU-based microservices architecture, containerized applications, automated IoT device onboarding, and implemented Traefik for secure routing.
- SAP BTP & Employee Portal:** Conducted SAP BTP Kyma Kubernetes POC, provisioned environments, deployed production apps, and architected internal employee portal for scalability.
- DevSecOps & Training:** Delivered recurring workshops on secure coding, GitOps, containerization, and CI/CD best practices.
- Cloud Operations & Cost Optimization:** Managed Azure subscriptions, optimized FinOps reporting, implemented RBAC for Blob storages, and supported workload migrations.
- Digital Signature Solution:** Designed and deployed a secure, cloud-based PDF signing solution using Azure Functions, Key Vault, Blob Storage, and Power Automate.

Environment: Azure, Microsoft 365, Ansible, Docker, GitLab CI/CD, Traefik, Kubernetes, SAP BTP Kyma, AI GPU infrastructure, On-premise, Hybrid

Cognizant Technology Solutions October 2022 - July 2024
Cloud Engineer
<https://www.cognizant.com/in/en>
Cochin, India

- Designed resilient **AWS HA/DR architectures**, minimizing downtime during regional failures.
- Led DR drills and validated recovery procedures for business continuity.
- Mentored junior engineers on Terraform, HA/DR, and cloud security best practices.
- Modularized Terraform code for multi-region provisioning, reducing environment setup time.
- Strengthened security posture via IAM controls and [Wiz.io](#) remediation.
- Managed Kubernetes clusters, including upgrades, HPA implementation, and troubleshooting.
- Achieved ~30% AWS cost reduction via Lambda automation, Karpenter autoscaling, and EC2/RDS right-sizing.

Environment: AWS, Terraform, Kubernetes, Karpenter, Lambda, IAM, Jenkins, Wiz.io, EC2, RDS, IOT

eXlygenze Senseworks Private November 2021 - September 2022
Cloud / DevOps Engineer
Mumbai, India

- Managed AWS cloud environments with performance tuning and cost optimization.
- Conducted load testing with Locust to identify bottlenecks and enable right-sizing.
- Containerized applications and automated deployments via Ansible, improving reliability.
- Implemented POCs for Vault, Prometheus, and Loki to support CI/CD, security, and monitoring.

Environment: AWS, Docker, Ansible, Prometheus, Loki, Vault, Locust, Github

Freelance Developer May 2019 - June 2021
Developer
<https://gauthamp10.github.io>

UBC Business School | HKU Business School | CUHK Business School

- Developed large-scale web data scraping solutions for academic research.
- Built automated pipelines for Yelp, BBB, Google Play, Huawei AppGallery, and Tencent Mobile Store.

Technologies: Python, Scrapy, Selenium, Data Processing, Automation, DigitalOcean, Node.js, MongoDB

Education

Marian College, Kerala, India August 2018 - March 2020
Master of Computer Applications
Fulltime
85.32%
<https://mariancollege.org/>

St. Berchmans College Autonomous, Kerala, India July 2015 - March 2018
Bachelor of Computer Applications
Fulltime
89.30%
<https://sbcollege.ac.in/>

Projects

Google Play Store Apps January 2019 - July 2021
Largest public Google playstore app dataset
<https://www.kaggle.com/datasets/gauthamp10/google-playstore-apps>

Creator of the largest public Google Play Store dataset on Kaggle (~2.3M apps), enabling large-scale app market and ML analysis through structured, high-quality open data.

Apple AppStore Apps October 2021
Apple AppStore App data of 1.2 Million+ applications.
<https://www.kaggle.com/datasets/gauthamp10/apple-appstore-apps>

Creator of a large public Apple App Store dataset (~1.2 M apps) on Kaggle, enabling extensive analysis of app market trends and developer ecosystems with structured metadata.

Andoird Permission Dataset June 2021
Permission data of 2.2 million android application from Google Playstore.
<https://www.kaggle.com/datasets/gauthamp10/app-permissions-android>

Designed and published a large-scale **Android App Permissions dataset on Kaggle** covering ~2.2 million **Google Play Store apps**, by engineering a **custom Python/Scrapy-based web-scraping and manifest-parsing pipeline** to extract, categorize, normalize, and validate detailed permission metadata for **security and privacy research**.

Dockerfile Boilerplates May 2020 - June 2020
Dockerfile Boilerplates For All
<https://github.com/gauthamp10/dockerfile-boilerplates>

Docker boilerplates / templates for most common programming languages. Like a *Hello World!* but for docker images on GitHub with **233+ stars**

Skills

Technical Skills

AWS, Linux, Kubernetes, Azure, Terraform, Web Scraping, Ansible, IAM, Git, Gitlab, IOT, Docker, IAC, Python, Bash, Vim, CI/CD

Soft Skills

Leadership & Mentorship, Strategic Thinking, Collaboration & Communication, Problem Solving & Decision Making, Change Management

Certifications

AWS Certified Solutions Architect - Associate August 2021
Amazon Web Services
<https://www.linkedin.com/in/gauthamp10/details/certifications/>

Credential ID: M4X0FGGLE1EE153R

AWS Certified SysOps Administrator - Associate Deceber 2022
Amazon Web Services
<https://www.linkedin.com/in/gauthamp10/details/certifications/>

Credential ID: 311BPL3CSF14QTGS

AWS Certified Developer - Associate February 2023
Amazon Web Services
<https://www.linkedin.com/in/gauthamp10/details/certifications/>

Credential ID: T1PSZ99KTNFE10G7

Languages

English

Full Professional Proficiency

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Malayalam

Native or Bilingual Proficiency

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