

Siddharth Satpute

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Summary

Cloud engineer with expertise in front-end and back-end development, experienced in leading cross-functional teams

Skills

- **Devops** - Terraform, Linux, Docker, Bitbucket, Git, Jenkins, Shell Scripting, Helm, Grafana, Kubernetes, CI/CD, Ansible, AWS, Google Cloud
- **Backend** - Python, JavaScript, Go, C++
- **Frontend** - HTML, CSS, Bootstrap
- **Database** - MySQL, MongoDB, PostgreSQL

Experience

Cloud Engineer

Source

09/2022 - Present

- Migrate the Existing Workloads Running on Other Cloud Providers and On-Premises to Google Cloud Platform and Building their entire Infrastructure currently Working with Multi-cloud Environment to Transform the Business .
- Demonstrable experience of Linux and Windows operating systems, network administration, and networking protocols/functions
- Build the infrastructure using Virtual Private Networks , Compute Engine , Google Kubernetes Engine , Google Cloud, Storage, Cloud SQL, Etc and integrate other services.
- Troubleshoot the issues with workloads and Design the Optimise Design Pattern to Build the Scaling Infrastructure.
- Demonstrable experience of IaaS/Cloud Infrastructure (e.g., Google Cloud Platform, Azure, AWS,)

Cloud Engineer Intern

Source

01/2022 - 09/2022

- Collaborated with cross-functional teams to migrate legacy on-premises applications to GCP, resulting in a 30% reduction Infrastructure
- Implemented CI/CD pipelines using AWS CodePipeline and CodeDeploy, reducing deployment cycles from 2 hours to 30 minutes.
- Spearheaded a cross-functional team to migrate 30+ critical workloads from AWS to Google Cloud using Terraform

Projects

Automated Resource Tagging & Alerts in AWS and GCP

- Authored and deployed Python scripts for monitoring instances created on Google Cloud and AWS, Utilising Google Cloud Functions & AWS Lambda for tagging new instances and sending email alerts for those running over 4 hours.
- Achieved a 30% cost reduction through streamlined cost optimization.

Terraform & Bitbucket CI/CD for Cloud Automation

- Leveraged Terragrunt and Terraform for Infrastructure as Code, Reduced deployment time by 40%, boosting efficiency.
- Implemented GitOps with Bitbucket CI/CD, resulting in a 20% improvement in uptime.
- Orchestrated the migration of infrastructure and databases from AWS to Google Cloud, realising a 20% reduction in costs

Google Cloud Marketplace SaaS - Full Stack Project

- Developed a Flask web app with a user-friendly signup page, boasting an aesthetically pleasing and responsive design. Optimised Operational costs by deploying the app on App Engine, resulting in a 20% reduction in hosting expenses.
- Achieved a 40% reduction in application performance using Postman

Polygon Technology VM Based SaaS - Blockchain

- Automated deployment of Polygon Edge blockchain on Google Cloud, slashing deployment time by 50%.
- Developed impactful shell scripts and spearheaded the adoption of the MPDEV tool, resulting in a 30% reduction in deployment time and Enhanced packaging efficiency.

Education

Nutan College of Engineering and Research

B.Tech CSE 08/2018 - 08/2022

Certifications

Google Cloud Professional Cloud Architect

Google Cloud Professional Cloud DevOps Engineer