

Joshua Jebaraj

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Experience

Cloud Engineer

arch0

November 2023 – February 2025

Bangalore, India

- Automated infrastructure provisioning of various AWS services like ECS, S3 bucket, Parameter store, ECR Registry using Terragrunt and Terraform, reducing setup time by 85% while eliminating manual errors using **Github Actions**.
- Led the integration of **Google Cloud Platform (GCP)**, **GitHub** and **Google Workspace** into our platform - handled the full project from research and planning to development, testing and launch
- Worked on the internal **Asset Management** tool to track and monitor resources across GCP, Github, Google Workspace and Docker Hub
- Created **security checks** to detect vulnerabilities in cloud environments, helping identify and fix potential security issues

Cloud Native Security Lead

we45

June 2021 – August 2023

Bangalore, India

- Researched and built the initial version of a cloud sandbox for **Google Cloud** in AppSecEngineer, enabling isolated environments for each lab session
- Automated lab environment provisioning using Infrastructure as Code tools like **Terraform**
- Developed and delivered comprehensive **Google Cloud** and **Kubernetes security** labs from scratch for over 200 clients through conferences and private training sessions
- Collaborated with the pentesting team on **cloud security audits** for clients and helped them to identify and fix the vulnerabilities.

Skills

Programming Languages: Go, Python, Bash

Cloud & Infrastructure: Google Cloud, Kubernetes, Containers, Terraform

CI/CD & Tools: GitHub Actions, GitLab CI, Linux

Education

Vellore Institute of Technologies

June 2016 – June 2021

Mtech Integrated Software Engineering(8.9 CGPA)

Chennai, India

Projects

[GCP-Goat](#)

GCP Goat is a vulnerable Google Cloud Platform (GCP) environment designed for learning and practicing GCP security

[Resume Operator](#)

A custom Kubernetes Operator which builds the portfolio website using the Custom Resource

Talks & Open Source Contributions

Speaker/Trainer

Delivered talks and training sessions at multiple security conferences, including **DEF CON**, **OWASP-Seasides**, **BSides Delhi**, **Hack In The Box**, and **Eko Party**.

Contributor

Enhanced **Prowler**, an open-source security tool, by identifying and fixing false positives in **Google Cloud Platform (GCP) security checks**.