

Joshua Jebaraj

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Skills

Languages: Golang , Python

Technologies: Containers, Kubernetes, Google Cloud, Github Actions, Gitlab CI, Terraform and Linux

Experience

Cloud Native Security Lead

June 2021 – August 2023

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Bangalore, India

- Researched and build the initial version of the cloud sandbox for the Google cloud in [appsecengineer](#)
- Researched and developed the training material for the [appsecengineer](#) on the various security concepts like Google Cloud Security and Kubernetes Security
- Worked along with the pentesting team for cloud audits for the clients and helped them to fix the cloud misconfigurations

Devops Intern

October 2020 – December 2020

Atlan

Delhi, India

- Reduced the build pipeline from 2 mins to 1.3 mins by tweaking the changes in the Github actions
- Introduced the Security best practices for the Container Images

Intern

November 2019 – May 2020

Practical DevSecOps

Remote

- Developed the course content for the Docker Security Course
- Contributed to DevSecOps University by creating the content for the project

Projects

[GCP-Goat](#)

August 2021- Current

- GCP Goat is the vulnerable GCP environment to learn and practice GCP security.
- In this project, I have created various scenarios to depict the real-world security misconfiguration
- I have covered the various GCP services like compute, storage, GKE etc..
- This project has been showcased in international conferences like Defcon, Hack in the box

Securing CI/CD

May 2021- Current

- In this project, I have implemented the security in the CI/CD pipeline for the vulnerable application
- I have covered varieties of tools like SAST,SBOM , DAST, Compliance Check etc...
- I have also leveraged terraform to provision the temporary testing environment for performing the DAST

GCP enum

April 2021- Current

- GCP enum is the tool that helps to find the existence of the GCP buckets. This might be helpful during the pentesting or recon
- In this project, I have used various Go features like concurrency, file processing
- To automate the creation of release I have leveraged the Go-releaser in the GitHub Actions

Education

Vellore Institute of Technologies

Mtech Integrated Software Engineering(8.9 CGPA)

June 2016 – June 2021

Chennai, India

Others/Volunteering

Speaker/Trainer

June 2020- Current

Multiple Events

Spoken at conferences like Defcon,Owasp-Seasides,Bsides-Delhi,Hack in the box and Eko-party

Chapter Lead

June 2022- December 2023

Owasp , Tiruvannamalai

Voluntered as the chapter lead in my hometown helps to conduct sessions regularly to educate folks on the cyber security front

Technical Advisor

December 2019- November 2020

Owasp Student Chapter , Vit Chennai

Worked as technical advisor for the student chapter and conducted a few session on cyber security