

Manikandan Ravi

DevSecOps Engineer

Versatile DevSecOps Engineer with 2.5+ years of experience. Worked on developing CI/CD with high focus on security. Deep understanding of Git, Containers(Docker & Podman) and Container Orchestration (Kubernetes)

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WORK EXPERIENCE

DevSecOps Engineer Curl Analytics & CurlHG

06/2019 - Present

Banglore

Achievements/Tasks

- Lead the security operations and deployed endpoint monitoring tools across Linux, Windows and MacOS.
- Accomplished centralized authentication (IDAM) across all the Linux workstations using LDAP.
- Hardened docker containers as per the CIS benchmark guidelines and performed vulnerability static analysis for containers.
- Hosted and administered version control software and created CI/CD pipelines.
- Integrated security automation in the software development process and discovered malicious code using methodologies like SAST, DAST and dependency scanning.
- Worked on setting up Containerised Application development on kubernetes(Self-managed) with Google Single sign-on.
- Implemented work from home framework using open source tools for employees during pandemic which helped company to work remotely.
- Managing 4 member team and conducting technical interviews for DevSecOps team.
- **Netapp:** Deployed machine learning product securely into Netapp storage using Kubernetes.
- **Vakt & Mercuria:** Involved in application architecture design and container hardening.

DevOps Engineer Steinn Labs LLP

04/2019 - 06/2019

Pune

Achievements/Tasks

- Implemented AWS SaaS Factory.
- Implemented Multi Tenant Architecture and setup CI/CD pipelines.
- Creating secure REST APIs for backend.

Cyber Security and Infrastructure & Full Stack Development (Internship)

Botbakery, Zenshanti & Goviral

07/2018 - 01/2019

Pune

Achievements/Tasks

- Creating SSL and automated SSL renewal for Websites in VPS & created SSL renewal notifier for websites in shared hosting.
- Removed backdoor from hacked websites.
- Configuring CDN and Mail servers.
- Page speed optimization and Improving GTMetrix score.
- Various Payment Gateway integration like PayPal, Stripe, Paytm, Pay U biz and Shipping gateway Ship-rocket.

AREAS OF EXPERIENCE

Host-based Intrusion Detection System:
Wazuh, Osquery

Secure Software Development: Gitlab SAST

Automation/DevOps: Gitlab

Configuration Management: Ansible,
Terraform

Proxy server: Nginx, Haproxy

Container orchestration: Kubernetes

Cloud Security: AWS

Container Hardening: Clair

Docker Registry: GoHarbor

Programming: Python, Go, JavaScript

Scripting: Bash GDPR

Data Leak Prevention Firewall: Pfsense

Governance

PERSONAL PROJECTS

Automated script to deploy MongoDB with 3 replicates in AWS

- <https://github.com/FiReBeNdEr07/mongodb-replicaset-terraform-ansible>

EDUCATION

Bachelor of Engineering (E&TC) Savitribai Phule Pune University

07/2014 - 07/2018

First Class With Distinction

Higher Secondary School Certificate

Army Public School, Kirkee(CBSE)

2012 - 2014

Percentage: 80.2%