

Amrit Kafle

Artesia, CA 90701 | 562-377-8841 | kaphleey@gmail.com

<https://amritkafle.com>

<https://github.com/Kaphleamrit>

<https://www.linkedin.com/in/amrit-kaphle-4948aa194/>

Obsessed cloud and security enthusiast with an impressive Amazon AWS home lab. Plagued with the overwhelming urge to tinker, figure things out, and troubleshoot problems.

Projects

AUTOMATED CI/CD PIPELINE FOR A SCALABLE WEB APPLICATION ON AWS January 2024

- Developed an automated CI/CD pipeline using AWS CodeCommit, CodeBuild, and CodePipeline.
- Containerized the application with Docker and managed deployment using Amazon ECS.
- Implemented AWS CloudWatch for monitoring and applied security best practices in the pipeline.

DAMN VULNERABLE WEB APP (DVWA) LOCAL LAB SETUP November 2023

- Configured a local DVWA environment to simulate web vulnerabilities for security testing.
- Practiced exploiting common web vulnerabilities like SQL injection, XSS, and CSRF, enhancing understanding of web security.
- Documented testing processes and security mitigation strategies, emphasizing the importance of secure coding practices.

CONTAINERIZATION AND ORCHESTRATION PROJECT September 2023

- Utilized Docker for web application containerization and Amazon EKS for scalable Kubernetes deployment.
- Implemented Prometheus and Grafana for efficient real-time monitoring and performance tuning.
- Employed Infrastructure as Code practices for streamlined and secure Kubernetes configurations in EKS.

Certifications

AWS	Certified Cloud Practitioner Certified DevOps Engineer (in-progress)
CompTIA	Security+
ISC2	Certified in Cybersecurity

Professional Experience

PLIVO March 2023 – August 2023

Site Reliability Engineer(SRE) intern

- Played an important role in the timely response to system alerts and incidents, significantly enhancing system stability and minimizing downtime, resulting in a 20% reduction in critical incident resolution time.
- Utilized Prometheus and Grafana to implement effective monitoring, reducing system downtime by 30% and enhancing efficiency by 20% over six months.
- Attended in-service training and hands-on sessions on AWS ECS, EC2, S3, IAM, RDS, Terraform, Prometheus, Grafana, and more.
- Handled 20+ alerts per day using Opsgenie, AWS cloudTrail, AWS guardduty, Linux system administration

Education

CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS

Masters of Science in Cybersecurity

SIKSHA O ANUSHANDHAN UNIVERSITY

Bachelor of Technology (Computer Science and Engineering)