Abishek Kafle

DevOps Engineer

Andheri East, Mumbai, India, 400059 | +917071031777 | mranoint@gmail.com | https://anoint.onrender.com

Profiles

whoami-anoint
Linkedin

whoami-anoint
Github

anoint.gitbook.io
Gitbook

anoint
medium

Summary

Dynamic DevOps Engineer with a proven record of reducing IT costs by 20% through strategic optimization and transforming infrastructure from Windows to Linux, saving 25% on server expenses. Skilled in automating CI/CD pipelines using AWS and Jenkins, enhancing security protocols, and deploying robust open-source solutions. Proficient in cloud technologies and advanced server monitoring for seamless operational efficiency.

Experience

HiCare Pvt. Ltd **Jan 2024 - Present**
DevOps Engineer Vikhroli, Mumbai
https://hicare.in

Company Name: HiCare Pvt. Ltd

Description: HiCare is a digital and responsible hygiene and pest management company, providing services across 200+ cities and to over 25,000 businesses nationwide.

Role: DevOps Engineer (Contract-based)

Key Contributions:

- Earlier, there was no formation of Linux technology; the company used to work more on Windows servers. During my period, we transformed the technology to Linux servers and saved server costs by 25%.
- Automate the Code Build and Code Deployment with AWS CI/CD and Jenkins.
- Reduced IT cost by 20% by optimizing the AWS cost and resource planning.
- Best practices of implementing Open Source Projects.
- Used Terraform for consistent infrastructure.
- Integrated security scans and compliance in CI/CD pipelines, i.e Trivy (Docker Security)
- Use Gradle for Android app deployment with Jenkins.
- Secure the Nginx web server with different cyberattacks.
- Use Boto3 and Flask for AWS server monitoring (EC2 Instances and EBS Volumes).
- Set up Prometheus, Grafana, and sysinfo-web for better monitoring.

Education

Garden City University **2021-2024**
Computer Science B.Sc. in Data Science And Data Security
https://www.gardencity.university/

I pursued my bachelor's degree on B.Sc. in Data Science And Data Security in Gardencity University which is located on 16th KM, Old Madras Road, Bangalore. I have had some beautiful experiences in this college. Some of the major points are mentioned below:

- Completed professional development in Computer Programming and Cybersecurity.
- Elected Captain of **Infosec 3xpert**, where we host Capture The Flag (CTF) , and coding events.
- Completed professional development in Cybersecurity especially on Web Security.
- Secured Second Position on GCU Code Summit 2023.
- Attended G20 Digital Innovation Alliance Summit in Bangalore.
- Attended Bengaluru Tech Summit 2023.

Jetking Infotrain Limited **2019 - 2021**
IT Technology Diploma in Hardware and Networking
https://www.jetking.com/centres/vashi

Achievements:

- Completed professional development in Hardware and Networking.
- Learned the Linux Operating System i.e Bash Scripting and automation

Projects

Probe **2022-Present**
This is a special tool for bug hunter for automated recon process smoothly.
https://github.com/whoami-anoint/Probe

- **Project Name**: Probe
- **Description**: Probe is an automation tool designed specifically for bug hunters to streamline their reconnaissance process.
- **Features**:
  - Automates reconnaissance tasks for bug hunting.
  - Enhances efficiency in identifying vulnerabilities.
- **Technology Evolution**:
  - Initially developed using bash scripting.
  - Later migrated to Python for improved functionality.
  - Future plans include migration to Rust and integrating with WebAssembly for enhanced performance and web compatibility.
- **Current Focus**:
  - Transitioning to Rust for better performance and reliability.
  - Exploring WebAssembly integration for broader web compatibility.

bug-hunting-tool, recon-tools, automation, hacking, subdomain-enumeration, pentesting-tools recon-tool, reconnaissance

Hitop **Jan 2024**
System monitoring project, inspired from htop.
https://github.com/whoami-anoint/Hitop

- **Project Name**: Hitop
- **Description**: Hitop is a system monitoring web application that provides real-time system information. It's designed to be hosted on any server or even localhost.
  Demo: Htop-Demo
- **Technology Stack**:
  - Flask: Python web framework for building the backend.
  - Unix: Operating system for hosting the application.
- **System Requirements**:
  - Python: Required for running the Flask-based backend and serving the web application.

sysinfo, htop-in-web, hitop, system-monitoring

awsboto **March 2024**
AWS server monitoring tool using flask and boto3
https://github.com/whoami-anoint/awsboto

- **Project Name**: awsboto
- **Description**: awsboto is a server monitoring tool specifically designed to monitor all AWS servers. It utilizes Flask and Boto3 for seamless integration and efficient monitoring.
- **Demo:** awsboto Demo
- **Technologies Used**:
  - Flask: Python web framework used for building the backend server.
  - AWS Account: Required for accessing and monitoring AWS servers.
  - Boto3: Python SDK for AWS used to interact with AWS services programmatically.

aws, boto3, server-monitoring, aws-cloud, flask, python

AndroidPipeline **April 2024**
Android deployment with jenkins and gradle
https://shorturl.at/uhqvr

- **Objective**: Deploying Android applications using Gradle with Jenkins.
- **Tools and Versions**:
  - Gradle Version: 8.7
  - SDKMAN! Version: Script 5.18.2, Native 0.4.6
  - Jenkins Version: 2.426.2
- **Previous Experience**: Primarily deployed web apps, transitioning to Android deployment.
- **Workflow**:
  1. Configure Jenkins to integrate with Gradle for building Android apps.
  2. Set up build scripts and dependencies using Gradle.
  3. Utilize SDKMAN! for managing Gradle versions and dependencies efficiently.
  4. Implement continuous integration and deployment pipelines in Jenkins for Android projects.
  5. Monitor and manage the deployment process through Jenkins interface.

gradle, sdkman, jenkins, andoid-app, android-app-deployment

Skills

Programming
Python, JavaScript, Rust

Operating System
Linux (Ubuntu, Debian, Arch , RedHat)

Infrastructure
Teraform

CI/CD
Github Actions, Jenkins

Configuration Management
Ansible, Chef

Web Server
Nginx, Caddy

Android App Deployment
Gradle with Jenkins

Containerization
Docker, Podman

Security Tools
Nmap, Trivy, Burpsuite, Shodan, Metasploit

Serverless
Netlify, Vercel, AWS Lamda

Cloud Technology
Amazon Cloud Services (AWS): Amazon EC2, AWS Codebuild, AWS Code Deploy, AWS SNS, S3 buckets, AWS CloudFormation, Amazon CloudWatch Events, AWS Cloud9

Server Monitoring
Grafana, Prometheus, Htop, Sysweb-info

Certifications

Certified Appsec Practitioner (CAP) **Dec 2023**
The SecOps Group
https://secops.group/

- Certified Appsec Practitioner (CAP)
- Best practice of implementing OWASP Foundation

Languages

English

Hindi