Sayandeep Dey

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https://github.com/Sayandeep06

TECHNICAL SKILLS

Languages: *Python, Terraform, Bash, Java(basics)*
Tech Stack: *Amazon Web Services, Docker, Linux, Kubernetes, GIt and Github, Jenkins, VS Code, VIm*

PROJECTS

NetflixClone deployment using DevSecOPs| *AWS, Docker, Kubernentes, Prometheus, Grafana, Trivy*   December 2023
- Implemented an end to end CI/CD pipeline using Jenkins
- Built a robust, secure, and scalable Netflix Clone deployment using Docker and Kubernetes
- Implemented Trivy and SonarQube for a robust defense against vulnerabilities and code quality issues.
- Secured it with SonarCube and Trivy, Monitoring done with Prometheus and Grafana.

Cloud Native resource monitoring app | *Python, Docker, EKS, ECR*   November 2023
- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

Web app on AWS using Terraform | *Terraform, VPC, IG, EC2, S3, ALB*   October 2023
- Created the infrastructure for the web app that includes a Virtual Private Cloud (VPC), two subnets in different availability zones,
- Also an Internet Gateway, a Route Table, a SecurityGroup
- Provisioned an S3 bucket, two EC2 instances, and an Application Load Balancer (ALB).

Portfolio Website | *HTML, CSS, JS*   Feb 2024
- Created a Portfolio website for my developer portfolio and contact info
  https://Sayandeep06.github.io
- Hosted the site via Github Pages

EXPERIENCE

Zscaler Zero Trust Cloud Security   Sept 2023 – Nov 2023
Zscaler   *College Station, TX*
- 10 weeks of Virtual Internship from Zscaler
- Learned about Zero Trust Architecture and the principle of least privilege in cloud native security models
- Reduced risk of breach and secured connections to cloud resources

EDUCATION

Techno India University   Kolkata, WB
Bachelor of Technology in Computer Science specializing in AI
CGPA 8.5   *Aug. 2021 – May 2025*

Krishnanagar Academy   Krishnanagar, WB
ISC 90%, ICSE 94%

AWARDS

Google IT automation with Python (6 months), AWS SAA C03 prep by Stephane Mareek, AWS Knowledge: Architecting