SHOAIB M ISMAIL

shoaibismail18@gmail.com | 8951537003 | Bangalore,Karnataka,India |
www.linkedin.com/in/shoaibismail18 , https://github.com/shoaibismail18

EDUCATION

DR AMBEDKAR INSTITUTE OF TECHNOLOGY | B.Tech Computer Science   Bangalore,Karnataka | Aug 2019 - July 2023
GPA: 7.53/10

WORK EXPERIENCE

LENOVO | Cybersecurity Engineer (Cloud security)   Bangalore,Karnataka | Jan 2024 – Present

- Integrated security practices into the DevOps lifecycle, ensuring seamless collaboration between development, operations, and security teams.
- Implemented secure cloud architecture practices on AWS and Microsoft Azure, ensuring adherence to best practices. Performed vulnerability assessments and hardened cloud environments to mitigate risks. Leveraged AWS services such as CloudWatch, GuardDuty, CloudTrail, and S3 malware scans to proactively monitor and secure cloud environments.
- Automated and implemented use cases in Splunk using Splunk Query Language (SPL), reducing manual incident triage time.
- Analyzed log files across multiple hosts on the TruScale infrastructure to track system failures, vulnerabilities, and warning alerts, achieving almost 99% of system uptime and ensuring SLA compliance.
- Monitored Datadog errors for ELB metrics and API errors across deployed applications, ensuring optimal health status and uptime.

SKILLS

Programming Launguages	Python, Bash scripting
Cloud	AWS, Azure
Application Monitoring	AWS Cloudwatch, Splunk, CloudTrail, Datadog
Version control	Git, GitHub
SIEM Tool	Splunk
Configuration Management	Ansible
IaC	Terraform
OS	Linux - Ubuntu
CI/CD	Jenkins, GitHub Actions
Containerization	Docker
Orchestration	Kubernetes

PROJECTS

AWS RESOURCE TRACKER | Bash scripting, AWS CLI
https://github.com/shoaibismail18/Bash-scripting.git
Developed a shell script in Linux using AWS CLI to track the resource usage of instances, including CPU, memory, and disk utilization. Automated the script execution by configuring a cronjob to run at regular intervals. Ensured efficient monitoring by appending errors and cronjob outputs to a log file, enabling effective troubleshooting and continuous performance tracking.

GITHUB USERS ACCESS LIST | Bash scripting, GitHub API
https://github.com/shoaibismail18/Bash-scripting.git
Bash script to automate the identification of users with read access to GitHub repositories using the GitHub API. The script integrates curl for API communication and jq for JSON parsing, enabling efficient data retrieval and processing. This tool simplifies repository access auditing, reducing manual effort and enhancing accuracy in permission management.

NGINX AUTOMATION DEPLOYMENT WITH ANSIBLE | AWS, Ansible, Linux

Configured Ansible for passwordless authentication between EC2 instances using SSH keys and deployed Nginx on target servers using an inventory file and Ansible playbook, ensuring automated and efficient web server setup.

TERRAFORM REMOTE STATE MANAGEMENT WITH AWS S3 & DYNAMODB | Terraform, AWS S3, AWS DyanamoDB, AWS CLI   https://github.com/shoaibismail18/Terraform_projects

Implemented a secure and scalable Terraform backend using AWS S3 for remote state storage with AES-256 encryption and versioning, ensuring data integrity and security. Integrated AWS DynamoDB for state locking to prevent race conditions in collaborative environments, enhancing team efficiency. This setup eliminates the risks of local state file management, enabling disaster recovery, scalability, and controlled access through AWS IAM policies. Utilized Infrastructure as Code (IaC) best practices to improve automation, security, and collaboration in cloud infrastructure provisioning.

TECHNICAL CERTIFICATIONS

CISCO PYTHON ESSENTIALS1 CERTIFICATION Cisco Networking Academy

CISCO PYTHON ESSENTIALS2 CERTIFICATION Cisco Networking Academy | September 2023

MICROSOFT AZURE FUNDAMENTALS AZ-900 Microsoft | November 2024