

BHAVIN BHESANIYA

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Dedicated professional with a focus on cloud security, leveraging technical skills to protect sensitive data and establish comprehensive security protocols, ensuring optimal protection for cloud-based assets. Proficient in cloud security frameworks and tools, with a proven track record of enhancing data protection and compliance in dynamic cloud environments.

EDUCATION

M.SC. IN CYBERSECURITY AND DIGITAL FORENSIC	2022-24	BACHELORS IN COMPUTER APPLICATION (B.C.A.)	2019 – 22
Rashtriya Raksha University, Gandhinagar		S.S.S.D.I.I.T. College, Junagadh	
CGPA - 8.35		CGPA - 8.42	

PROFESSIONAL EXPERIENCE

NOC Executive - Intern

OCT 2023 - Nov 2023

ECS Infotech Pvt Ltd., Ahmedabad

- Conducted regular security audits and vulnerability assessments by following standard operating procedures, identifying and mitigating potential threats to the VPS infrastructure.
- Managed VPS infrastructure, enhancing performance and swiftly addressing client concerns.
- Supported collaboration with cross-functional teams to troubleshoot and resolve network and system problems.

SKILLS

- Programming Languages** - Python, Java, SQL, Mysql, Shell Scripting
- Technology** - Linux, Windows, AWS, Git, Github Actions, Active Directory, Jira, Docker, Kubernetes, Terraform
- VAPT Tools** - Nmap, Wireshark, Burpsuite, Metasploit, Nessus, Sqlmap
- Others** - Analytical Skills, Problem-Solving, Teamwork, Communication Skills (Verbal and Writing), Troubleshooting

PROJECT

DEVSECOPS WITH KUBERNETES : AWS-BASED INFRASTRUCTURE WITH SECURITY AND MONITORING

- Managed AWS EKS services with Terraform, deploying infrastructure as code for scalable operations.
- Implemented a CI/CD pipeline with Jenkins for a microservices application, integrating SonarQube for Static Application Security Testing (SAST) to pre-emptively detect and address code vulnerabilities prior to deployment.
- Trivy for Dynamic Application Security Testing (DAST) to dynamically assess the application for runtime vulnerabilities.
- Conducted Software Composition Analysis (SCA) using OWASP Dependency-Check to safeguard against known vulnerabilities in third-party components, incorporated ArgoCD for container orchestration, ensuring efficient deployment and scaling of the application, and supported incident response efforts.
- Leveraged Prometheus and Grafana for monitoring and visualizing application performance and security metrics, offering immediate insights into system health and potential vulnerabilities to find the root cause of incidents in web services.

SECURE SERVERLESS ARCHITECTURE WITH AWS LAMBDA@EDGE AND CLOUDFRONT

- Utilized AWS Lambda@Edge and CloudFront to create a secure serverless architecture, enhancing API security gateway.
- Enhanced application performance and user interface experience through static site protection and A/B testing.
- Secured API endpoints with AWS Lambda Authorizer and AWS Cognito services, and enhanced content security and dynamic content delivery with AWS Lambda@Edge, boosting application resilience and scalability.
- Configured web service with Route53 DNS for efficient domain name resolution and networking, ensuring high availability and scalability, performed proactive troubleshooting to identify and resolve technical issues, adhering to best industry trends and practices for continuous improvement.

LEVERAGING CLOUD RESOURCES FOR MACHINE LEARNING-BASED SPAM DETECTION API

- Developed a Dockerized Django web application for seamless deployment on AWS EC2, featuring a cloud-based API.
- Automated deployment through a DevOps CI/CD pipeline using GitHub Actions, with MySQL database for data persistence.
- Strengthened security with advanced measures including Authentication, Rate Limiting and JWT Token for secure API access.

CERTIFICATION

- Certified Cloud Security Practitioner AWS (CCSP-AWS) - **SecOps**
- Certified AppSec Practitioner(CAP) - **SecOps**
- Cisco CCNA 200-301 course with Jeremy's IT Lab - **Udemy**
- AWS Cloud Quest Cloud Practitioner - **AWS**
- Junior Pentester Learning - **Tryhackme**
- Practical Ethical Hacking - **TCM Security**
- Cyber Threat Intelligence - **ArcX**