

Goli Akash

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PROFESSIONAL SUMMARY

B.Tech Computer Science student and DevOps/Cloud Engineering intern with hands-on experience in AWS, Kubernetes, Docker, Terraform, and CI/CD pipelines. Built and deployed cloud-native and security-focused projects, including Kubernetes workloads and a custom vulnerability scanning tool. Strong foundation in Linux, networking, cloud security, and automation, with a keen interest in DevSecOps and cloud infrastructure engineering.

EDUCATION

SR Engineering College

Bachelor of Technology in Computer Science and Engineering

Huzurabad, Telangana, India

2023 – 2027

PROFESSIONAL EXPERIENCE

Cloud Engineer Intern

CoreXtech IT Services Pvt. Ltd.

July 2025 – September 2025

Remote

- Deployed scalable AWS/Azure infrastructure solutions using Terraform and CloudFormation
- Configured CI/CD pipelines with Jenkins and GitHub Actions
- Monitored cloud resources using CloudWatch and Azure Monitor to optimize costs and performance

TECHNICAL PROJECTS

VulnScan – Command-Line Vulnerability Scanner | Python, Asyncio, Multithreading, Linux

2025

- Built a custom Python-based vulnerability scanner for network and service-level security analysis.
- Performed concurrent port scanning, service banner grabbing, and OS fingerprinting.
- Implemented CVE-based vulnerability identification for detected services.
- Optimized scan speed using Asyncio and multithreading for parallel execution.
- Enhanced usability with structured, colorized terminal output and real-time scan progress.

2048 Game Deployment on Amazon EKS | AWS, Docker, Kubernetes

2025

- Deployed an open-source 2048 web application on Amazon EKS using Docker and Kubernetes.
- Built and pushed container images to Amazon ECR and exposed the application using a LoadBalancer service.
- Managed EKS cluster provisioning, IAM permissions, and cloud cost optimization.

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, Lambda, IAM, VPC)

Security Tools: Metasploit, Burp Suite, Nmap, Wireshark, Nessus, Splunk

Programming Languages: Python, Bash, SQL

DevOps & IaC: Docker, Kubernetes, Terraform, Ansible, Jenkins, Git, GitHub Actions, CI/CD

Operating Systems: Linux (Ubuntu, Kali), Windows

Networking: TCP/IP, DNS, HTTP/HTTPS, VPN, Firewalls, Load Balancers, OSI Model, Subnetting

CERTIFICATIONS & ACHIEVEMENTS

Cisco Certified Network Associate (CCNA): Networking fundamentals and routing/switching

Ethical Hacking Essentials (EHE): EC-Council certified course on penetration testing methodologies

Cybersecurity and Ethical Hacking Bootcamp: Comprehensive training in offensive security techniques

AICTE Virtual Cybersecurity Internship: Government-recognized cybersecurity training program

TryHackMe: Ranked in Top 3% globally among 3+ million users, completed 100+ security challenges