AJITH JUNNETI
APPLICATION SECURITY ENGINEER

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PROFESSIONAL EXPERIENCE

Application Security Engineer II

AWS, San Francisco | 2022- Present

- Conducted architecture reviews, threat modeling and code reviews for web applications and critical services
- Partnered with engineering teams throughout the Software Development Life Cycle (SDLC) to ensure secure application design and implementation
- Interpreted security tools and penetration testing results to provide vulnerability remediation guidance to stakeholders
- Created security documentation and metrics for technical and executive audiences
- Researched emerging attack vectors and maintained proficiency in security tools, techniques and procedures
- Led security training initiatives to enhance organizational security posture

Associate Security Consultant

Synopsys In c | 2020- 2022

- Performed Web Application penetration testing, API penetration testing, vulnerability assessments and architecture reviews.
- Carried out comprehensive assessments which includes source code review, threat model validations, account configuration review for applications hosted on AWS to ensure stronger security posture.
- Conducted static and dynamic web application analysis using tools like Coverity, SonarQube and Net Sparker.
- Developed GitHub Actions for Synopsys including Opensource SAST and SCA tools using NodeJS and Shell Scripting.
- Implemented DevSecOps principles using scripts and CI/CD systems (Jenkins, Gitlab, Bitbucket), infrastructure deployments using helm charts in Kubernetes environments.

Senior Systems Engineer:

Cognizant, India | 2016 – 2019

- Worked in agile environment developing products and conducting peer reviews for financial institution
- Collaborated on security analysis and automated health checks in Unix/Linux production systems
- Built CI/CD pipelines in Jenkins and developed automation scripts for production engineering tasks

EDUCATION

University of Maryland College Park (MD)
Master's Degree, Cybersecurity
2019 – 2021

Jawaharlal Nehru Technological University (India)
Bachelor's Degree, ECE
2012 – 2016

TECHNICAL SKILLS

Application Security, threat modeling, vulnerability assessments, cryptography, Java, Python, SQL, Shell Scripting, ELK, Reverse Engineering, Network Security, Burp Suite, Wireshark, Nessus, Metasploit, SQLMap, Git, Jenkins, AWS, Docker & Kubernetes Security, CI/CD, BlackDuck, ScoutSuite, Semgrep

CERTIFICATIONS

CEHv10, OSCP (Pursuing), Unix Shell Scripting, Splunk Fundamentals, SumoLogic Fundamentals

CTF

CSAW'19, GOOGLECTF, PICOCTF'20, nullCon 2020, HackTheBox, HTB BusinessCTF