PROFESSIONAL EXPERIENCE

Associate Security Consultant:
Synopsys Inc – Remote – May 2020 - Present

- 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.
- Researched on latest software attack and exploitation techniques
- Conducted static and dynamic web application analysis using tools like Coverity, SonarQube and Net Sparker.
- Responsible for writing research results in sections of final reports as part of deliverables to clients.
- Developed technical knowledge base documents with techniques to perform certain attacks/validations.
- Developed GitHub Actions for Synopsys and 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.
- Maintained source code for multiple Spring framework-based web applications by actively fixing bugs and vulnerabilities employing secure coding practices.
- Developed adapters in JAVA for Synopsys Product Intelligent Orchestration to support multiple scan tools integration.
- Employed sound communication skills interacting with clients to understand problems and provide solutions.

Senior Systems Engineer:
Cognizant, India June 2016 – July 2019

- Worked in agile team environment for a financial institution client to develop products, conduct peer reviews.
- Collaborated with developers in security defect analysis and provided guidance on security best practices.
- Designed and automated complex application health checks and routines in production Unix/Linux environment.
- Built and maintained CI/CD pipelines and shared libraries in Jenkins for multiple projects.
- Developed automation scripts to help production engineers in application specific evaluations

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Ajith Junneti

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EDUCATION

University of Maryland College Park (MD) *M.Eng., Cybersecurity*
2019 – 2021

Jawaharlal Nehru Technological University (India)
B.Tech., Electronics and Communications Engineering
2012 – 2016

CERTIFICATIONS
CEHv10, AWS Security Specialty (Pursuing)
Unix Shell Scripting,
Splunk Fundamentals, SumoLogic Fundamentals

ACADEMIC PROJECTS

- Application Security Testing Automation
- Honeypots - Configuration, Attack and Analysis
- AWS Migration of a Video-on-Demand Service
- Analysis of CVE-2019-3568
- Automation: Production app Server health check

TECHNICAL SKILLS
Java, Python, SQL, Shell Scripting, ELK, Cryptography, Threat Modelling, Reverse Engineering, Network Security, Burp Suite, Wireshark, Nessus, Metasploit, SQLMap, Git, Jenkins, AWS, Docker & Kubernetes Security, CI/CD, Machine Learning, BlackDuck, ScoutSuite, Semgrep

CTF's: CSAW'19, GOOGLECTF, PICOCTF'20, nullCon 2020, HackTheBox