Tejas Zarekar

Consultant – Cyber Security,

Current Company : KPMG India

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Employment history:

2017 – 2019 : Zycus Infotech

2019 – Current : KPMG India

Education, licenses, and certifications

Bachelor of Computer Science (BE) - 2017

Azure Cloud DevOps Certified Professional (Az DevOps) - 2019

OSCP - 2019

Tools and technologies:

— DevOps Tool set - Jenkins, Chef, Docker, Kubernetes, Ansible, Maven, Zero-DT deployment, Fortify and Nagios

— Cloud DevOps Platforms - Azure, AWS and GCP

— VA/PT, sSDLC & code review, Cloud Security Assessment

About me

Proficient in DevSecOps and tool-chain, Cyber Security, Information Risk Management, Information Systems and Network Security, Threat Modelling, Release management, Information systems security audit, enterprise security architecture reviews, DevSecOps pipeline assessment, CCM assessments, Analyzing maturity of DevSecOps practices, secure SDLC and code review. I have worked with clients across US, Europe and India and have contributed in conceptualizing and developing IT initiatives in complex multi-stakeholders environments on DevSecOps and cloud technologies front. I also have in-depth understanding of Big Data framework – Hadoop and well conversant with Pig, HBase and MapReduce paradigm of programming. OSCP certified penetration tester with expertise in web attacks and in defense mechanisms

Technical experience

— Hands-on Penetration Testing

- Conducted Web & application PT for web-based applications using PT toolset like Acunetix, Nesssus, Metasploit and Kali linux with extensive reporting for North America and Europe based clients

— Security of DevOps on Cloud, Cloud Security Assessment

- Lead AWS security assessment for Europe based client which involved assessing Network, Data, Application, Storage, Encryption and other such controls. Conducted DevSecOps maturity analysis and secure DevOps pipeline cloud architecture assessment

- I have fluent understanding of Cloud computing environment, CDN, ISP, load balancers, firewalls and essential networking protocols.

- Lead G-Suite security assessment for Europe based client that involved assessing DLP rules, API/SSO configurations and various security parameters based on CSA CCM matrix

— Security, Confidentiality, Availability, Test Automation, Design of DevOps

- Setup end-to-end Jenkins container security testing pipeline for a java based eInvoice web application that helped reduce time taken in the testing phase by 20%. Experienced in containerization and set these up for ensuring high availability in lower environments

- Proposed thought leadership in implementing Threat Models as a means to automate enforcement of security requirements and thereby enhance end-to-end Release Management processes on infrastructure and application security front

- Setup CI/CD process for ensuring compliance for SOX applications hosted on Azure DevOps for a large IT Services major

— Architecture

- Demonstrated zero-downtime deployment through blue green deployment in Kubernetes for java based eInvoice , eProcurement web-app and for AI powered OCR tool written in python. Separately, have also helped achieved zero-DT deployment with Jenkins, HA proxy and VM instances to meet availability requirements

- Experienced in performance testing tools (Jmeter, WebLoad) to assess the performance of a Kubernetes cluster and configured the auto-scaling of the containers to meet critical availability requirements in production