

PIYUSH KUMAWAT



+91-8209037561 / 8562808965

piiiyush22@gmail.com

[linkedin.com/in/piyush-kumawat](https://www.linkedin.com/in/piyush-kumawat)

EXECUTIVE SUMMARY

Product Security Engineer with 5+ years of experience in penetration testing and willing to achieve a challenging position in an environment where I can use my technical, academic skills and utilize my techniques to the optimum level to be able to fulfil personal as well as organizational goals.

HIGHLIGHTS

- 5+ years of work experience as Product Security Engineer
- Expertise in the following fields
 - Web Application Penetration testing (Grey and Black Box)
 - Web Services & API Security
 - Network Penetration Testing
 - Android and iOS Penetration Testing
 - Cloud Security Configuration Review
 - DevSecOps
 - Source Code Review
 - Secure Design Reviews
 - Threat modelling
- Expertise in using tools such as Burp Suite, Nessus, App Scan, Metasploit, SqlMap, Nmap, OpenVas, Dirb and other security tools.
- Expertise in SAST or SCA tools configurations such as Coverity, Checkmarks, Findbugs, Whitesource, Blackduck, Sonarqube and other code analysis tools
- Continuously learning new technologies such as Secure Development and Threat Modelling.
- Experienced in handling US/Canada and EU based Clients.
- Hands-on on Microsoft Azure, AWS platform, Google Cloud Platform and Alibaba cloud for Cloud configuration reviews.

- Working with the clients to remediate the vulnerabilities and helping them secure their organization.
- Excellent Reporting Skills.
- Excellent oral and written communication skills
- Experience working both as a part of team and independently.

EXPERIENCE

Product Security Engineer

OLA | Jan 2022 - Present | Bangalore

Brief Description

- Perform Threat Modelling, Dynamic Application Security Testing (DAST) and Static application security testing (SAST) on Web applications of different OLA's business groups (OLA Mobility, OLA Electric, OLA Financial Services).
- Perform Web Application security assessments for identifying and remediating OWASP top 10, MITRE ATT&CK and Business Logic Vulnerabilities.
- Run scans using tools such as Burp Suite.
- Manage the Bug Bounty Process of OLA.

Roles and Responsibilities

- Performed white box tests as per OWASP top 10 framework for Web Applications.
- Performed Automated and Manual Tests and removed False positive issues.
- Work with developers to remediate the open findings.
- Mapped the risks as per business criticality and impact of vulnerability on application.
- Raise Jira tickets which includes Description, Remediation, Steps to Reproduce and screenshots for the Reported Findings.
- Raise a Jira Ticket which provide detailed technical summary of the findings with appropriate recommendations, Steps to reproduce and Screenshots.
- Assessed the closure of security risk by conducting retest on the web applications, web services and mobile assessments.
- Managing the GDPR, or PCI-DSS, ISO 2001 and RBI Audit dependencies on Application Security.
- Manage and Configure WAF Configuration.

Security Services Associate Consultant

Synopsys Inc. | June 2019 - Jan 2022 | Bangalore

Brief Description

- Perform Dynamic Application Security Testing (DAST) for Web applications.
- Perform Web Application security assessments for identifying and remediating

OWASP top 10, MITRE ATT&CK and Business Logic Vulnerabilities.

- Run scans using tools such as Burp Suite, Nessus, App Scan, Metasploit, SqlMap, Nmap, OpenVas, Dirb, Nikto and other security audit tools.
- Continuously learning new technologies such as Mobile penetration testing, Secure Development, Threat Modelling and Cloud Configuration review.

Roles and Responsibilities

- Performed black box and grey box security tests as per OWASP top 10 framework for Web Applications.
- Performed Automated and Manual Tests and removed False positive issues.
- Mapped the risks as per business criticality and impact of vulnerability on application.
- Sent daily updates of identified vulnerabilities and provided support for revalidating them in parallel with actual testing.
- Provided executive reports with detailed technical summary of the findings with appropriate recommendations.
- Assessed the closure of security risk by conducting retest on the web applications, web services and mobile assessments.
- Managing DevSecOps environment by configuring various tools such as CheckMarx, WhiteSource, and Burp in a CI/CD environment.
- Performs Cloud Configuration Review on various Cloud Platforms (AWS, Azure, GCP Ali Cloud).

Cyber Security Intern

Synopsys Inc. | Jan 2019 – May 2019 | Bangalore

- Engaged in the learning of various pen test, application stacks, working of typical N- tier application OWASP Top10 in WEB, Mobile, etc. Data flow in complex applications successfully.
- Successfully automated multiple security tools in a unified platform for the Organization using Jenkins in a CI/CD pipeline.

System / Network Admin Intern

Shah Technical Consultants Pvt. Ltd. | March 2017 - April 2017 | Jaipur

- Manages Network and Server for the Organization.
- Provide proactive solutions for the technically challenging problem of the Organization.

PROJECT

Security Tools Automation

- Automated different open source and paid SAST, SCA and DAST tools in Jenkins pipeline to perform a security scan efficiently on a source code base.

Windows Administrator Learning App

- Successfully deployed android application for learning windows administration in

Windows Server (20k+ Download).

- https://play.google.com/store/apps/details?id=com.techdreamers.Windows_Server
- Successfully deployed android application for learning Penetration Testing
 - <https://play.google.com/store/apps/details?id=com.securitycipher.penetrationtesting>

Certifications

- AZ-500 - Microsoft Certified Azure Security Engineer Associate
- Az-900 - Microsoft Certified Azure Fundamentals
- Oracle Cloud Infrastructure 2019 Certified Architect Professional
- Oracle Cloud Infrastructure 2019 Certified Architect Associate

ACADEMIC BACKGROUND

MSC. Digital Forensics & Information Security

Gujarat Forensics Sciences University | 2017 - 2019 | Gujarat, Gandhinagar

BCA (IT-Infrastructure Management System & Cloud Technology)

Poornima University | 2014 - 2017 | Jaipur, Rajasthan

HOBBIES & INTRESTS

- Managing personal security blog.
 - <https://securitycipher.com>
- Travelling & Trekking.
- Playing online PC and Mobile games.
- Bug Hunting in leisure time.