

Web Application Penetration Tester & Digital Marketing Analyst

B LALITHA

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OBJECTIVE:

Information security professional and experience in Web Application Security, Application Monitoring, and knowledge on security tools, technologies, Digital Marketing, and best practices.

Solution oriented, looking for challenging opportunities with good communication and organizational abilities.

Professional Summary

- ✓ Having experience and specialized in Web Application Scanning, Penetration testing and Vulnerability Assessment
- ✓ Experience in Web Application Security Testing followed by OWASP Standards.
- ✓ Experience with IBM App scan, Burp suite automated application scanning and reporting tool.
- ✓ Experience with DAST (Dynamic Application security testing) and knowledge on SAST (Static security testing)
- ✓ Expertise in manually analyzing requests/responses, look for the common vulnerabilities, segregate false positives findings for the perfect results.
- ✓ In-depth knowledge of common web application vulnerabilities such as SQL injection, cross-site scripting, CSRF and web application related attacks.
- ✓ Experience in preparing comprehensive security report detailing identifications and recommendations for the Vulnerabilities shared and presented with the Client
- ✓ Skills and willingness to learn the latest technologies.
- ✓ Ability to explore, learn and apply technologies to increase business prospects
- ✓ Quick learner, good at communication & Interpersonal Skills

Areas of Expertise

- ✓ Network Penetration testing & Vulnerability assessment: Nmap, Metasploit, Nessus.
- ✓ Web Application Vulnerability Testing: IBM AppScan, Burp Suite pro, Acunetix, ZAP proxy

IT Skill Set

- ✓ Security Operations
- ✓ Analysis & Reporting
- ✓ Web Vulnerability Assessment
- ✓ PHP (CodeIgniter)
- ✓ .NET & ASP .NET
- ✓ SQL Server
- ✓ HTML
- ✓ JavaScript
- ✓ CSS3
- ✓ Web-designing & Web-development,
- ✓ Android APP Development,
- ✓ PGDCA
- ✓ DTP
- ✓ Tally
- ✓ Hardware & Networking
- ✓ Internet Savvy

Technology Summary:

- ✓ Tools: AppScan, ZAP proxy, Acunetix, Nmap, burp suite pro, CSRF tool.
- ✓ Others - OWASP

Academic summary:

- ✓ LLB In VR LAW Colleges, Nellore.
- ✓ MBA (HR & Marketing) In Shree Rama Engineering & MBA Colleges, Tirupati. (Jawaharlal Nehru Technological University Anantapur).

Certificate / Highlights:

- ✓ EH & SE (Ethical Hacking and Security Expert).
- ✓ WAPT (Web Application Penetration Testing).

Working Experience

- ✓ Currently Working as Technology Security Analyst and Digital Marketer (social media) in TTD (Tirumala Tirupati Devasthanams) and SVBC (Sri Venkateswara Bhakti Channel).
- ✓ Worked as a Security Analyst, Designer – Developer and Digital Marketer in make your Online Pvt. Ltd. and United Technologies.
- ✓ Having Experience in the field of SEO, SEM, SMO, SMM, Blogger, E-Mail Marketing.

Digital – Marketing Skills

- ✓ Expertise in Keyword Analysis & Competitive Analysis, On-Page & Off-Page Optimization.
- ✓ Experience in Web Traffic Reporting tools like Google Webmaster Tools, Google Analytics.
- ✓ Hands on Expertise in using SEO Tools like Ahrefs, SEMrush, AdWords Planner, Open site Explorer, Keywordtool.io, Soovle, Kw Finder, Ubersuggest, Moz Bar, Small SEO Tools, SEO Quake, Alexa Rank, SEO Site Checkup, Spufu, Similarweb Etc.
- ✓ Also, Good Knowledge in Monitoring Webpages by using tools like SEO Site Checker.
- ✓ Hands on expertise on using Social Media Marketing tools like Hootsuite & Buffer Tool.
- ✓ Have an Understanding and Knowledge of all SEO Themes, Optimization of Meta Tags, Creating Robot.txt files, to Creating Spider Friendly Sitemap, Url Redirecting, Optimization of Internal Link Structure Etc.
- ✓ Hands on Experience on Crawl Errors.
- ✓ Good Knowledge in WordPress & Blogging.
- ✓ Generating live Google Analytics Reports Using “Data Studio”.
- ✓ Creating, Managing Pages & Posts on Various Social Media Platforms.
- ✓ Advertising using various platforms like Facebook, Instagram, Twitter, YouTube & LinkedIn
- ✓ Experience in Leading the Team & Mentoring New Team Members in Search Engine Optimization.
- ✓ Effective Communication, Collaboration, and Interpersonal Skills with an Ability to Grasp Modern Technologies and Concepts Quickly and Utilize Them in An Effective Manner.

Search Engine Optimization Skills/Expatriation:

- ✓ Keyword Research.
- ✓ Keyword Analysis.
- ✓ Competitive Analysis.
- ✓ On-Page& Off-Page Optimization.
- ✓ Alt Tag & Anchor Text Optimization.
- ✓ Writing Robots.Txt Files.
- ✓ Internal Linking Structure.
- ✓ SEO URL's Checking.
- ✓ Preparing Title, Meta Description and Keywords.
- ✓ Canonical Issue.
- ✓ Keyword Density.

- ✓ Word Press Installation.
- ✓ Google Analytics.
- ✓ Google Webmaster Tools.
- ✓ Link Development.
- ✓ Social Bookmarking Submissions.
- ✓ Website Submission to Free Directories.
- ✓ Blogs and Forums Posting.
- ✓ Press Releases.
- ✓ Article Submissions.
- ✓ Posting Ads in Free Classified Ads Sites.
- ✓ Question & Answer Postings.
- ✓ Blogging.

Areas of Working

- ✓ Digital Marketing.
- ✓ Search Engine Optimization.
- ✓ Social Media Marketing / Promotion.
- ✓ Lead Generation.

Client: TTD – (Tirumala Tirupati Devasthanams) and SVBC (Sri Venkateswara Bhakti Channel).

Duration: OCT-2020 to 2022- Till Date

Role: Technology Security Analyst

Develop and document process, procedure and mitigate on techniques for WAS Team in accordance with the Application Security Standards and OWASP. Generate executive report according to the management requirement.

Roles and Responsibilities:

- ✓ Identifying and testing vulnerabilities and conducting research in the areas of information system and network security.
- ✓ Performing scan to identify the security issues in the application with automated tools and false positive elimination through manual analysis.
- ✓ Web Application vulnerability assessment and penetration testing using various tools like IBM App Scan, Burp suite, CSRF Tester
- ✓ Performing end-to-end Scanning of web application using IBM Enterprise and IBM Standard tool.
- ✓ Proficient in understanding application-level vulnerabilities like XSS, SQL Injection, CSRF, authentication bypass, cryptographic attacks, authentication flaws etc.
- ✓ Prepare the proper documentation for the reported vulnerabilities and share to the Application teams as per the request.
- ✓ Reporting vulnerability and providing remediation for all the web application related vulnerabilities.
- ✓ Performing Web application penetration testing using automated and manual tools.
- ✓ Security assessment of online applications to identify the vulnerabilities in different categories like Input and data Validation, Authentication, Authorization, Auditing & logging.
- ✓ Revalidation of vulnerabilities after developer closing them and providing go or no go from application security perspective
- ✓ Perform trend analysis based on vulnerabilities/ applications and Business Units.
- ✓ Scheduling meetings and explaining to the application team about impact of the vulnerabilities

- ✓ Performed as an Information Security Analyst and involved in OWASP Top 10 Vulnerability Assessment of various internet facing point of sale web applications
- ✓ Using C#, MS SQL and excel, built tool for reporting and trending purposes.
- ✓ Giving knowledge sessions and presentations on vulnerabilities (Assessment, Impact, Mitigations)
- ✓ Coordinating with development team for issues closure.
- ✓ Preparing comprehensive security report detailing identifications and recommendations for the Vulnerabilities shared and presented with the Client.
- ✓ Basic Knowledge on RESTful API and SOAP API
- ✓ Knowledge on Thick client & Thin client

Client: Leading manufacturer of computers and mobile phones.

Duration: May-2020 to 2020 – Sep

Role: Security Associate

- ✓ Experience in Web Application Security Testing (Manual and Automation)
- ✓ Experienced in Vulnerability Assessment and Penetration Testing
- ✓ Strong Knowledge in OWASP Top 10
- ✓ Good knowledge about open-source tools and SAST (Static Application security)
- ✓ Strong understanding and experience in integrating security tools in SDLC for continues integration
- ✓ Expertise in training the resources for better understanding of the procedures and concepts in the testing industry
- ✓ Performing Web application penetration testing and network penetration testing using automated tools.
- ✓ Performing dynamic analysis of the applications by using IBM Appscan and testing for security vulnerabilities by using Burpsuite.
- ✓ Skilled using Burp Suite, Acunetix Automatic Scanner, NMAP, IBM AppScan, ZAP proxy for web application penetration tests.
- ✓ Provide security vulnerabilities (XSS, CSRF, SQLi etc.) remediation support to Java, .net, PHP developers

Note: Own Applications:

- ✓ Created own email Marketing Application by using PHP in CodeIgniter Html, css3, jQuery.
- ✓ Created Own SMS App in android studio.

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: Nellore

(B. LALITHA)