

# E B Prakash

Application Security/Security Analyst

📍Bengaluru Karnataka

📞9550185276

✉️**[bhcehanu@gmail.com](mailto:bhcehanu@gmail.com)**

---

## Professional Summary

- Having overall 9+ years of IT Experience in which 3+ years of expertise in web application penetration testing and vulnerability assessments on various applications and generating reports using tools.
- Proficient in understanding application-level vulnerabilities like XSS, SQL Injection, SSRF, authentication bypass, weak cryptography, authentication flaws etc.
- Sound knowledge and industry experience in Vulnerability Assessment and web applications.
- Capable of identifying flaws like injection, XSS, Insecure direct object reference, security Misconfigurations, SSRF.
- As a Security Consultant involved in enhancing the security stature of the project by initiatives like Threat Modeling, Security awareness sessions.
- Excellent team player, enthusiastic initiator, and ability to learn the fundamental concepts effectively and efficiently.
- Performed static code reviews with the help of automation tools SonarQube and checkmarx.
- Work closely with research and development teams for vulnerability remediation.
- Ability to find in vulnerability assessment and penetration testing using various tools like Burp suite, OWASP ZAP Proxy, Accunetix, NMAP, NESSUS, KALI LINUX
- Threat modeling of the project by involving before development and
- improving the security at the initial phase.
- Working knowledge of OWASP Top 10 software guidelines.
- Having a good exposure on static code analysis by using MobSf.
- Ability to identify security flaws in mobile applications.

## SKILLS

Operating Systems: Windows, Unix/Linux

Database: My SQL

Network Tools: Nmap, Wire Shark, Nessus, Qualys Guard

Web Application: Burp suite, MobSf, SonarQube

## Certification

CEH certified

## Education

Master of Computer Applications

Osmania University

## Work History

Security Analyst, Avantor  
Bengaluru - June 2019 - November 2022

- Performing security analysis and identifying possible vulnerabilities in the key derivation function, create vulnerability Assessment report detailing exposures that were identified, rate the severity of the system & suggestions to mitigate any exposures & testing known vulnerabilities.
- OWASP Top 10 Issues identifications like SQLi, SSRF, XSS.
- Perform grey box testing of the web applications.
- Create written reports, detailing assessment findings and recommendations.
- Perform Static assessment of various applications by Static code analyzers like SonarQube.
- Perform static code reviews with the help of automation tools SonarQube and Checkmarx.
- Perform, review and analyze security vulnerability data to identify applicability and false positives.
- Identify issues in the web applications in various categories like cryptography, XSS, SSRF etc.
- Work closely with research and development teams for vulnerability remediation.
- Coordinating with networking and infra teams across the organization to ensure the identified vulnerabilities are fixed.
- Conducted thorough mobile security testing for Android applications, identifying and mitigating vulnerabilities.
- Good knowledge of API security.
- Skilled using tools like NMAP, Qualys Guard, Nessus, SonarQube, Burp suite, MobSf for web application penetration tests and Vulnerability Assessments.
- Knowledge of Both White and Black Box penetration testing.
- Good Knowledge in Both Linux and Windows environments.

Software Engineer VWR lab products Pvt Ltd  
Bengaluru - April 2013 - May 2019

- Resolving runtime issues in the environments and configuration, deployments & troubleshooting JBOSS EAP 5.1.
- Provided support for all applications in Production and Non-Production environments.
- Managing QA, PROD environments of JBOSS Application server in cluster & non-clustered modes.
- Integration of Apache server with JBOSS EAP 5.1 using mod\_cluster & mod\_jk plugins.
- Troubleshooting issues related to application slowness, stuck threads and OutOfMemory issues.
- Client interaction to make sure the high priority P1 tickets are taken care of properly.
- Troubleshooting the middleware issues and resolving the P2, P3 tickets within SLA.
- Tuning of JVM parameters to achieve better performance.
- SSL configuration for JBOSS application server & Apache HTTPD web server.
- Collaboratively working with cross functional teams to handle the issues.
- 24x7 production monitoring and support for multiple JBOSS instances across production,

- DR, Training other critical environments.
- Involved in Troubleshooting and fixing day-to-day problems of the applications in production.
- Daily running user site mapping and providing required access to users as per the roles.
- Restarting the application servers if the performance is low.
- Monitoring the HEAT & assigning the tickets as per severity and resolving them based on priority.
- Providing 24x7 support for the application servers and web servers by understanding the business impact of the client's issue.
- Troubleshooting the issue and giving access to new users