

Devanshu Parikh

Aspiring Security Engineer | Pursuing CEH

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EDUCATION

Bachelor of Technology in Computer Engineering

Babaria Institute of Technology, Vadodara – Expected Graduation in May 2023

Higher Secondary Education

Shannen School – Graduate in May 2019

EXPERIENCE

Web & Mobile Developer Intern – GT Power Solution

June 2022 – July 2022

- Collaborated with a team of developers to design and build a mobile application for Android using Android Studio
- Implemented various features including user authentication, push notifications, and data storage using Firebase
- Conducted extensive testing and debugging to ensure the application was user-friendly and fully functional
- Assisted in the development of a web application using PHP and HTML/CSS, including implementing responsive design and integrating with APIs
- Participated in regular code reviews to ensure quality and maintainability of the codebase
- Performed penetration testing on both the mobile and web applications to identify and fix vulnerabilities
- Created detailed reports on testing results and presented findings to the development team
- Assisted in the implementation of security measures to enhance the overall security of the applications

Bug bounty hunter

June 2019 – Present

- Actively searched for and identified security vulnerabilities in some of the major websites and web-based applications such as Google, Netflix, Instagram, Western Union, Zelle, Wayfair, and Reddit
- Developed strong understanding of common software vulnerabilities and how to exploit them
- Specialised in exploiting cross-site scripting (XSS) and server side request forgery (SSRF) vulnerabilities
- Contributed to several public and private bug bounty programs and received accolades for ability to identify and report security vulnerabilities
- Deep understanding of web security and ability to identify and mitigate potential risks
- Confident that skills and experience make valuable asset to any organization looking to strengthen online security.

PROJECTS

Security Research – Hackerone, Bugcrowd, Intigriti, YesWeHack

March 2019

- Worked on and found security vulnerabilities related to Cross-site scripting, Server-Side Request Forgery, and Cross-Site Web Socket Hijack, WAF bypass, CORS misconfig, TOCTOU race condition, web cash poisoning lead XSS(ATO), DNS infrastructure tampering, business logic errors, broken access control, broken authentication, HTTP request smuggling, RCE

Portswigger Web Security Academy – Challenges

March 2018

- Completed Web Security Academy challenges related to Web Application Pentesting

CTF Challenges

March 2018

- Cracked over 15 Hack-the-box machines
- Completed all Hacker101 CTF challenges

SKILLS

LANGUAGES AND TECHNOLOGIES

Python, Java, SQL, C, C++, PHP, JavaScript, HTML, CSS, Go, Docker, Kubernetes, AWS, Linode

PENTESTING TOOLS

Bash, Nmap, Burp Suite pro, Subfinder, Metasploit, Sqlmap, httpx, fiddler, ngrok, Nessus, ffuf, Amass

OPERATING SYSTEM

Linux, macOS, Windows

SECURITY SKILLS

XSS, Indirect Object Reference, SQL Injection, Session Hijacking, Server-Side Request Forgery, Web Cache Poisoning, Race Conditions, CSRF, XXE injection, HTTP request smuggling, command injection, HTTP host header attacks, deserialization attack, parser differential attack, Indirect Object Reference, Local File Inclusion, HTTP Parameter Pollution, DOS/DDOS

MISCELLANEOUS SKILLS

Git, Wireshark, Network Security, Cloud Security, Fuzzing

RELEVANT COURSES TAKEN IN PREVIOUS UNIVERSITY

- Cybersecurity
- Cryptography and Network Security
- Computer Networks
- Software Engineering
- Artificial Intelligence
- Machine Learning
- Cloud Computing
- Data Structure
- Database Management System
- Mobile Application Development
- Web Programming
- IOT and its application

CERTIFICATIONS

- Network Security
- Cloud Security
- Pursuing CEH

NOTABLES

- Netflix Hall of Fame recognition
- Research in Crypto currency
- Pentesting on University Website and reported bugs.
- Created my website