

MOHAMMED AASHIQ NAWAZ

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Education

Andhra University College of Engineering

B.Tech Computer Science and Systems Engineering

Oct. 2020 – Apr 2024

Vizag, Andhra Pradesh

About

Graduated as a Computer Science Engineer with a strong focus on cybersecurity.

Background:

- **Penetration Testing and Ethical Hacking:** Experienced in Vulnerability Assessment and Penetration Testing.
- **Active Directory:** Knowledgeable in managing and securing Active Directory environments.
- **Vulnerability Assessments:** Conducted numerous assessments to identify and address security weaknesses.
- **Front-End Web Development:** Developed numerous front-end projects using HTML, CSS, and JavaScript; handled database connectivity with Flask and XAMPP; performed basic work with React.js.
- **.NET Technologies:** Participated in training sessions on .NET Core MVC and Web API technologies, engaging in practical assignments to enhance project readiness and understanding TDD.

Certifications

ISC2

Certified In Cyber Security

Aug 2024 - Aug 2027

Udemy, z Security

Learn Ethical Hacking From Scratch 2024

Aug 6, 2024

Experience

Cloud Angles Digital Transformations

.NET Intern

June 2023 – July 2023

Hyderabad, Telangana

- Participated in comprehensive training sessions on .NET Core MVC and Web API technologies.
- Engaged in practical assignments to enhance CloudAngles' readiness for upcoming projects.
- Gained exposure to the Test-Driven Development (TDD) approach, understanding its importance and implementation.
- This internship showcased active involvement in technology training, practical application, and adoption of modern software development methodologies

DataPro Computers

Web Development and Security Intern

Mar 2024 – May 2024

Vizag, Andhra Pradesh

- Developed multiple front-end projects using HTML, CSS, and implemented user interfaces with Tkinter and CustomTkinter for desktop applications.
- Experienced in Android app development, focusing on creating intuitive and responsive mobile user interfaces.
- Conducted extensive malware analysis and exploited vulnerabilities using XSS attacks with the BeEF framework in cybersecurity initiatives.
- Utilized Android Studio as a development environment to visualize applications in both iOS and Android.
- Set up and monitored honeypots and implemented Intrusion Detection Systems (IDS) using Snort to enhance network security.
- Performed advanced network security assessments including man-in-the-middle attacks using Bettercap to identify and mitigate threats.

Projects

Pen Testing | *Kali, BeEF, Bettercap, Snort, IDA Free, Meterpreter*

- Conducted comprehensive malware analysis to identify, isolate, and neutralize harmful software effectively.
- Executed advanced XSS attacks utilizing the BeEF framework to assess and enhance web application security.
- Deployed honeypots and utilized Snort for intrusion detection, proactively monitoring and responding to potential security threats.

- Performed man-in-the-middle attacks using Bettercap and gained remote access to devices using the Meterpreter tool to simulate real-world cyber attacks and test system defenses.

Vulnerability Assessment and Penetration Testing |Nessus, Metasploit (MSFVenom, MSFConsole), Windows 7, Lab

- Conducted vulnerability assessments using Nessus to scan specific IP addresses, identifying and cataloging vulnerabilities based on severity.
- Verified vulnerabilities within a Pentesting lab environment, prioritizing them based on risk and exploitation potential.
- Developed and executed a custom payload using MSFVenom and MSFConsole to successfully exploit a Windows 7 machine, demonstrating the effectiveness of the exploit.
- Compiled detailed reports on discovered vulnerabilities, the exploitation process, and recommended security measures, providing remediation suggestions and best practices for securing networks and systems.

SQL Injection Vulnerability Assessment |Google Dorks, SQLmap, SQL Injection, Report Writing

- Conducted vulnerability assessments on websites using advanced Google Dorks techniques to identify potential SQL injection points.
- Utilized SQLmap to test and exploit SQL injection vulnerabilities in identified websites, verifying the extent of the vulnerabilities.
- Prepared comprehensive reports detailing the vulnerabilities, their potential impact, and recommended mitigation strategies.
- Provided actionable insights to enhance website security and prevent future SQL injection attacks.

ASP.NET Core MVC & Web API | *Visual Studio, ASP.NET Core MVC, ASP.NET Core Web API, MySQL, C#*

- Developed a web application using ASP.NET Core MVC, implementing CRUD operations for efficient data management..
- Created a RESTful Web API to handle HTTP requests and responses, ensuring secure and efficient data handling.
- Integrated MySQL as the database, utilizing Entity Framework Core for seamless data operations.
- Designed a responsive front-end using HTML, CSS, and JavaScript, providing a user-friendly interface.

Key Skills

- **Windows Administration (Active Directory):** Implemented and managed Windows 2016 Active Directory, DNS/DHCP, handled system updates, configured network settings and Group Policies.
- **Vulnerability Assessment and Penetration Testing:** Experienced in web application testing, and Network Pentesting and creating efficient reports of the tests.
- **Web Development:** Developed front-end projects using HTML, CSS, and JavaScript; Worked on .NET Core MVC and Web API and created basic web Applications.

Technical Skills

- **Programming Languages:** HTML, CSS, JavaScript, SQL.
- **Web Development:** Html,CSS,Js, Asp.Net CORE Mvc and Web Api.
- **Cybersecurity:** Penetration Testing, Vulnerability Assessments, Social Engineering, Networking Basics, Web App Security, Network Security.
- **Tools:** Kali Linux, VMware, Metasploitable, VS Code, Visual Studio, Wireshark, Meterpreter, Maltego, Nessus,Nexpose, OWASP-ZAP.
- **Operating Systems:** Windows Server, Linux, Windows .