

Mahetar Masum

📍 Bhavnagar, Gujarat, India ✉ masummahetar818@gmail.com ☎ +91 7878676262 🔗 in/masummahetar

SUMMARY

Skilled professional in software development and cybersecurity, with a proven record of creating secure software solutions. I specialize in making technology safe and functional. Eager to apply my expertise to enhance security in dynamic environments.

EXPERIENCE

Software Developer

IIT Gandhinagar

October 2020 - Present, Gandhinagar

- Enhanced ERP system using C# .NET skills, introducing new features, optimizing code, and resolving issues promptly.
- Strengthened system security through Vulnerability Assessment and Penetration Testing (VAPT), collaborating with cross-functional teams.
- Analyzed cyber attacks to understand their origins and impact, actively contributing to post-incident recovery.
- Engineered an automated data and code backup solution, ensuring data integrity and reliability.
- Developed an automated backup script for data and code, maintaining continuous data protection.
- Conducted comprehensive server load testing to optimize system responsiveness and stability under varying workloads.

PROJECTS

Anti AirGap

May 2018 - August 2020

- Researched and documented side-channel attacks, exploring methods used to exploit vulnerabilities in hardware and software systems.
- Conducted comprehensive static malware analysis to dissect and understand the behavior of malicious software, identifying patterns and characteristics.
- Designed and implemented a basic malware prototype using Python, gaining hands-on experience in threat emulation and detection.
- Successfully detected and analyzed the Metasploit virus, showcasing the ability to identify and mitigate advanced threats.

EDUCATION

Bachelor of Engineering in Information Technology

Shantilal Shah Engineering College • Bhavnagar • 2020

Diploma in Information Technology

Government Polytechnic • Gandhinagar • 2017

CERTIFICATIONS

Certified Ethical Hacker (CEH)

EC-Council • 2022

- Certified in ethical hacking, ideal for cybersecurity experts and penetration testers.

Junior Penetration Tester

eLearnSecurity - INE • 2022

- Certification for penetration testing and essential information security skills.

AZ-900 Microsoft Azure Fundamentals

Microsoft • 2022

- Proficient in fundamental Azure concepts and principles.

SKILLS

Software: HTML, CSS, Javascript, Nodejs, Vuejs, PHP, Python, ASP.Net, Angular, .NET core

Languages: HINDI, English, Gujarati

Field of Interest: Cyber Security, Infosec

Database: SQL, MySql, MongoDB

Security: Penetration Testing, OSINT