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## Mohammad Shoab

**Technical Skills:** Cybersecurity, Web Application Security, Vulnerability Assessment & Penetration Testing, Linux, Nessus, IAM, EC2, Nmap, Burp Suite, Python, Java, Microsoft office suite, HTML, CSS, MYSQL, WordPress.

### Certification:

- AWS Certified Cloud Practitioner, AWS, July 23
- Offensive Approach to Hunt Bugs (BBHv1), HackersEra, Jan 23
- Learning Kali Linux, LinkedIn, Nov 22
- Practical Ethical Hacking, TCM Security, Sept 22
- Introduction to Cybersecurity Tools & Cyber Attacks, Coursera, Sept 21

### EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE) CS & DF	Sept 2020 -Ongoing	VIT Bhopal University, Bhopal	8.24/10
Class XII	May 2020	Walther Inter College, Jaunpur - U.P.	71.8%
Class X	May 2018	Walther Inter College, Jaunpur - U.P.	83.83%

### ACADEMIC PROJECTS

Site Administrator, Developer & Web Designer	<ul style="list-style-type: none"><li>▪ <b>CySec AWA - Cyber Security Awareness</b> (Dec 22 – May 23)<ul style="list-style-type: none"><li>- Description: An Application for Promoting Cyber Awareness between Citizens which offer a variety of resources such as blogs, videos and tools like phishing website checker to help individuals stay informed about the latest cyber security threats and best practices to take control of their online security.</li><li>- Technology: WordPress, Check-Phish API, HTML/CSS, PHP, MYSQL.</li><li>- Team Project</li><li>- Role: Site Administrator, Developer &amp; Web Designer.</li><li>- Link: <a href="http://cyber-awareness.in">cyber-awareness.in</a></li></ul></li></ul>
CTF designer	<ul style="list-style-type: none"><li>▪ <b>SQLi on Login Page</b> (Dec 22 – Jan 23)<ul style="list-style-type: none"><li>- Description: Developed a dynamic and engaging CTF challenge on a SQLi vulnerability within a login page. This interactive project not only serves as an educational tool but also offers hands-on experience for participants to practice identifying and mitigating SQLi threats in a controlled environment.</li><li>- Technology: HTML/CSS, PHP, MYSQL.</li><li>- Individual</li><li>- Role: CTF designer.</li><li>- Link: <a href="https://github.com/Mohammad-Shoab/SQLi-on-Login-page">github.com/Mohammad-Shoab/SQLi-on-Login-page</a></li></ul></li></ul>
Developer	<ul style="list-style-type: none"><li>▪ <b>Kryptos3dit</b> (Sept 21– Dec 21)<ul style="list-style-type: none"><li>- Description: An application that encrypts and decrypt videos in a very short period. It is an easy-to-use and highly secure application. It also has an image filter that allows the user to filter images based on their design. In addition, an image search on the web has been added. One can search for images on Google.</li><li>- Technology: Python, Java, CSS.</li><li>- Team Project</li><li>- Role: Implemented AES256 for video encryption &amp; decryption.</li><li>- Link: <a href="https://github.com/Mohammad-Shoab/kryptos3dit">github.com/Mohammad-Shoab/kryptos3dit</a></li></ul></li></ul>

### EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	<ul style="list-style-type: none"><li>▪ In the KPMG CTF challenge 2023, I ranked 57 out of 11,000 competitors from all over India.</li><li>▪ Ethically hacked and secured 25+ domains including Vimeo, Datto, SAP, US-DOD, Lenskart and many more.</li></ul>
Responsibilities	<ul style="list-style-type: none"><li>▪ <b>Core Member of OWASP Club VIT Bhopal, Sept 22 – March 23:</b><ul style="list-style-type: none"><li>- Coordinated and hosted online cybersecurity events, engaging a wide audience in discussions and activities for the OWASP Club, fostering a collaborative environment for cybersecurity enthusiasts.</li><li>- Contributed to the recruitment process by conducting interviews for the role of CTF developers.</li></ul></li><li>▪ <b>Core Member (Hacker), VIT Bhopal Cyber Warrior Club, Aug 22 – Ongoing:</b><ul style="list-style-type: none"><li>- Actively participated as a key member of the Capture The Flag (CTF) team, contributing to the creation and execution of challenging CTF competitions.</li><li>- Designed a CTF challenge for the offline "Attack and Defense" event held during the college's annual fest, AdvITya, enhancing the practical cybersecurity skills of participants.</li></ul></li></ul>
Extracurricular	<ul style="list-style-type: none"><li>▪ Actively involved in bug hunting on HackerOne, Integrity, BugCrowd, various VDPs and Bug Bounty Platforms leveraging ethical hacking skills to find and ethically report vulnerabilities in web applications.</li><li>▪ Pentabug CrowdSourced Red Team Member, actively involved in finding bugs on the Pentabug platform.</li></ul>

### ADDITIONAL INFORMATION

Hobbies	<ul style="list-style-type: none"><li>▪ Bug Hunting: Passionate about identifying and securing digital vulnerabilities through ethical hacking.</li><li>▪ Playing Card-board Games: Playing cardboard games like Chess, Monopoly, Scotland Yard enthusiast etc.</li></ul>
Languages	<ul style="list-style-type: none"><li>▪ English, Hindi</li></ul>