

# S M Zia Ur Rashid

Dhaka, Bangladesh

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## EXPERIENCES

### Information Security Specialist

*Augmedix (www.augmedix.com)*

**Sept., 2020 – Present**

Dhaka, Bangladesh

- Conducting penetration testing for web applications, cloud, container, networks and android applications.
- Actively sync with global stakeholders to identify changes within the product features, operations and IT processes to identify areas of risk and drive remediation for effective compliance with respect to security best practices.
- Working with product and engineering team to validate that the applications throughout the SSDLC meet the required security specification before approving for production deployment.
- Monitoring and investigating suspicious security events on SIEM tool.

#### Key Achievements

- Successfully managed SOC, GRC, DLP and EDR onboarding project.
- Implemented continuous security monitoring tools for container, serverless and AWS cloud infrastructure.
- Revised Vulnerability Management Framework to achieve higher maturity model (SANS CMMI).

### Red Team Member (Remote)

*Synack Inc. (www.synack.com)*

**Jan., 2021 – Present**

California, United States

- Conduct red team assessment on web applications and networks
- Validate patch and provide detailed report

### Cyber Security Consultant

*Pentester Space (www.pentesterspace.com)*

**Oct., 2019 – Aug., 2020**

Dhaka, Bangladesh

- Performing penetration testing and writing technical report for clients.
- Conducting research of emerging security threats, testing methodologies and tools.
- Assisting in updating documents, methodologies based on industry standards.

## EDUCATION AND CERTIFICATION

### International Islamic University Chittagong (IIUC)

*B.Sc., Electrical & Electronic Engineering (CGPA: 3.338/4.0)*

*Thesis: Industrial Control Systems Security: An in-depth Analysis with Honeypot*

**Chittagong, Bangladesh**

2015 - 2019

### Fortinet NSE 2 Network Security Associate

*Certification Number: 95KoKtPlGx*

**April, 2020 – April, 2022**

### Fortinet NSE 1 Network Security Associate

*Certification Number: AtoD7MXklj*

**April, 2020 – April, 2022**

### CompTIA Pentest+ CE Certified

*Credential ID: COMP001021304842*

**Aug., 2019 – Aug., 2022**

## CYBER SECURITY ACTIVITIES

### Hall of Fame/Acknowledgment

- Microsoft
- U.S. Dept. of Defense
- Nokia
- Adobe
- Intel
- CompTIA
- Uber
- Khan Academy
- Netgear
- Atlassian
- Github
- Auh0 and so forth

### Common Vulnerabilities and Exposures (CVE) Assigned

- CVE-2019-11196
- CVE-2018-16971
- CVE-2018-16970
- CVE-2018-16606

## CONFERENCE REVIEWER

- 6<sup>th</sup> International Conference for Convergence in Technology (I2CT), 2<sup>nd</sup> – 4<sup>th</sup> April, 2021

## PUBLICATIONS

- [1] S M Zia Ur Rashid, Ashfaquul Haq, Sayed Tanimun Hasan, Md Hasan Furhad, Abu S.S.M Barkat Ullah, and Mohiuddin Ahmed "Faking Smart Industry: A Honey-pot-driven Approach for Exploring Cyber Security Threat Landscape," *14<sup>th</sup> EAI International Wireless Internet Conference – EAI WiCON 2021* (Accepted / In Press).
- [2] S M Zia Ur Rashid, Jalal Uddin, Ariful Islam, "Know Your Enemy: Analysing Cyber-threats Against Industrial Control Systems Using Honey-pot," *2019 IEEE International Conference on Robotics, Automation, Artificial-intelligence and Internet-of-Things (RAAICON)*, pp. 151-154, DOI: 10.1109/RAAICON48939.2019.69.
- [3] S M Zia Ur Rashid, M. I. Kamrul and A. Islam, "Understanding the Security Threats of Esoteric Subdomain Takeover and Prevention Scheme," *2019 International Conference on Electrical, Computer and Communication Engineering (ECCE)*; DOI: 10.1109/ECACE.2019.8679122.
- [4] A. Alam, H. Islam, M. T. Islam, S M Zia Ur Rashid, M. J. Hossen and M. S. Mahmud, "CPG-Based Industrial Manipulators on AVR System for PTP Applications," *2019 International Conference on Electrical, Computer and Communication Engineering (ECCE)*, pp. 1-6, doi: 10.1109/ECACE.2019.8679138.
- [5] Md Jamshed Alam, M. I. Kamrul, S M Zia Ur Rashid and S. Z. Rashid. "An Expert System Based on Belief Rule to Assess Bank Surveillance Security," *2018 International Conference on Innovations in Science, Engineering and Technology (ICISSET)*, pp. 451-454; DOI: 10.1109/ICISSET.2018.8745647.
- [6] A. Alam, S M Zia Ur Rashid, Md. Abdus Salam and Ariful Islam. "Towards Blockchain-based E-voting System," *2018 International Conference on Innovations in Science, Engineering and Technology (ICISSET)*, pp. 351-354; DOI: 10.1109/ICISSET.2018.8745613.

## CORE COMPETENCIES

- **Technical:** Web and Android Application, Internal/External Network, Container and Cloud Security Testing.
- **Tools:** Origin Pro, LaTeX, Endnote, Wireshark, Metasploit, Nmap, Burp Suite Pro, ELK and so forth.
- **Languages and Modules:** Python, Bash, Numpy, Json, YAML
- **Compliance Framework:** HIPAA, CIS Controls and Benchmark

## HONORS AND ACHIEVEMENTS

- Recipient of WiCyS Scholarship for attending 42<sup>nd</sup> IEEE Symposium on Security and Privacy May, 2021
- Recipient of COL-Udemy Skills for Work Scholarship Mar., 2021
- Recipient of WiCyS SANS Security Training Scholarship Made Possible by Google Aug., 2020
- Recipient of Black Hat USA 2020 Student Scholarship July, 2020
- Recipient of Skills Online Bangladesh e-Learning Scholarship (Commonwealth of Learning) Apr., 2020
- Received \$15000 IEEE-AWS Active Program Credits for Pentester Space Feb., 2020
- Honorable mention in Cyber Life Podcast Special Episode 2 Aug., 2019
- Champion (Team), Software Development Competition, IIUC Tech Fest Dec., 2017

## COMMUNITY ACTIVITIES

- Co-Founder, *Bsides Bangladesh*
- Mentor, *Cyber Mentor Dojo*
- Volunteer, *Gray Hat Conference, 2020*
- Volunteer, *Defcon SafeMode Red Team Village, 2020*
- Teaching Assistant (*Black Hat USA 2019 Project*), *Cybrary Inc., 2019*
- Webmaster, *IEEE Bangladesh Section Student Activities Committee, 2018*
- Webmaster, *IEEE IIUC Student Branch Executive Committee, 2018*
- Volunteer, *International Conference on Innovations in Science, Engineering and Technology (ICISSET), 2018*

## AFFILIATIONS

- OWASP Foundation, Lifetime Member 2021 – Present
- WiCyS, IT Professional Member (#64723132) 2020 – Present
- CompTIA AITP, IT Professional Member (#887311) 2018 – Present
- IEEE & IEEE Computer Society, Member (#93889420) 2016 – Present