MOSADDIQUR RAHMAN

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Summary

Final-year Cyber Security undergraduate with three internships and hands-on skills in penetration testing, forensics and web security. Researching AI agent security and post-quantum migration; available for internships from April 2027.

Education

Xiamen University Malaysia **Sep 2023 – Sep 2027 (expected)**
Bachelor of Engineering in Cyber Security (Honours) *Sepang, Malaysia*
Honours: CGPA 3.88 / 4.00; merit scholarship for four consecutive years; 4.00 GPA in two semesters
Relevant coursework: Digital Forensics, Network Attack and Defence, Malware Analysis, Cryptography, Cloud Computing

Millennium Scholastic School & College **2020 – 2022**
Higher Secondary Certificate, GPA 5.00 / 5.00 *Bogura, Bangladesh*

Experience

Hijau Tech Sdn. Bhd. – Intern **Jun 2026 – Sep 2026**
- Contributed to developing VerdictX, an AI-assisted platform that analyses security architectures
- Tested platform features across a four-month internship and reported defects to the development team
- Reviewed the platform's AI-generated security architecture analyses for accuracy and consistency

Micratto Technologies – Intern **Feb 2026 – May 2026**
- Built and deployed the company's B2B website end to end, from development to production release
- Set up GitHub version control and Netlify continuous deployment for the site
- Reviewed HTTPS configuration, access controls and common web vulnerabilities on the live site

Mekaniku – Intern **Apr 2025 – Jan 2026**
- Managed website content and social media, and tested the company website for issues to fix

Research

Four.S | *final-year thesis on gamified cybersecurity awareness* **Ongoing**
- Evaluating whether game-based training improves security knowledge and retention compared with PDF lessons

PQCMigrateBench | *post-quantum migration research* **Ongoing**
- Building a benchmark that tests LLM-generated cryptographic migrations for compatibility and downgrades

Agent Tool Trust Study | *Qwen3, Ollama, MCP* | GitHub **Completed**
- Tested whether deceptive tool names steer a local AI agent to an unauthorised connector
- Recorded unauthorised selections across 152 trials: 10/64 initial setup, 0/64 revised setup, 0/24 MCP validation

Projects

- **AuthZDiff** | *React, FastAPI* | GitHub: compares access snapshots and HAR captures to flag risky permission changes
- **MailTrace** | *React, FastAPI, SQLite* | GitHub: analyses email headers, authentication results and delivery hops
- **RiskMap** | *Next.js, TypeScript* | GitHub: maps assets and findings into attack paths and ranks the best next fix
- **ShieldStack** | *React, FastAPI* | GitHub: scans exposed TCP services and inspects HTTP and TLS settings

Leadership & Activities

AIESEC in Xiamen University Malaysia – Vice President **Jun 2024 – Sep 2025**
- Managed operations and strategic direction, coordinating departments toward national goals
- Served as Acting President when required, overseeing the executive board, its decisions and daily operations

AIESEC in UNMC – Director of Outgoing Global Volunteer **Feb 2024 – Feb 2025**
- Led student engagement at XMUM through marketing, information sessions and one-to-one consultations

AIESEC in Xiamen University Malaysia – Secretary **Sep 2023 – Jun 2024**
- Maintained documentation, meeting records and semester reports across departments

Technical Skills

Security Tools: Kali Linux, Nmap, Burp Suite, Metasploit, Wireshark, Autopsy, John the Ripper, AWS, MobSF
Techniques: Penetration Testing, Malware Analysis, Digital Forensics, Cloud and Web Security, Network Traffic Analysis

Awards

- First Prize, 19th Challenge Cup National AI+ Special Challenge (Nov 2025), Zhimai Piwei team project
- 4× Dean's List, Xiamen University Malaysia