

ABUTHALIB FATHIMA ZEENATH

UNDERGRADUATE - BSc (Hons) Cyber Security and Digital Forensics




PERSONAL DETAILS

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-  **Location:** E 25/1 Main Street, Hemmathagama
Sri Lanka
-  **DOB:** 2002.08.20
-  **Gender:** Female
-  **Relationship Status:** Married

PROFILE SUMMARY

I am a student with strong expertise in digital security, threat analysis, and network protection. I have hands-on experience performing vulnerability assessments, running penetration tests, and implementing robust security measures to protect digital systems. My skill set includes identifying potential risks, mitigating threats, and optimizing security protocols to ensure system integrity. I am committed to staying up-to-date with the latest cybersecurity trends and technologies. With a focus on both security and user experience, I strive to develop solutions that not only protect systems but also provide seamless and safe interactions for users

EDUCATION

-  **BSC (Hons) Cyber Security & Digital Forensics - Reading** Jan 2024 - Jan 2025
Faculty of Science, Engineering & Computing
Kingston University - London (UK)
 - The degree was conducted and assessed in English
-  **Qualifi Level 5 Extended Diploma in Cyber Security & IT-Networking** Jun 2022 - Nov 2024
Qualifi -As a recognized UK awarding organization, regulated by Ofqual
 - The Level 5 Extended Diploma was conducted and assessed in English
-  **Advance Level Examination** Jul 2019 - Feb 2022
Ministry of Education Sri-Lanka
 - **Bio - System Technology - 2B C (+1.225)**
 - General English - C
 - Information & Communication Technology - C
 - Bio - System Technology - B
 - Science For Technology - B
 - Z - Score Marks: +1.1225**

CERTIFICATIONS

- Cisco Certified Network Associate - CCNA - (International)
- Introduction to Ethical Hacking (Great Learning)
- Basics of Ethical Hacking
- Linux Essentials (CISCO certified)
- Advanced Cybersecurity - Threats and Governance Introduction to Cyber Security (CISCO certified)
- Networking Basics (CISCO certified)
- Introduction to the threat Landscape 2.0 Fortinet
- Advent of Cyber - TryHackMe
- Cybersecurity Beginner Learning Path - TryHackMe
- Machine Learning on Google Cloud - Google - Reading

PROJECTS & RESEARCH

AI-based Quantum Safe Cyber Security Automation and Orchestration in the Edge Intelligence of Future Networks - Ongoing

- The AIQUSEC project enhances cybersecurity in access and edge networks through AI-driven automation and quantum-safe cryptography, addressing data growth and threats, while supporting essential services and EU sustainability goals.

Healthcare Cybersecurity Review Paper

- Analyzed cybersecurity threats in the healthcare sector, focusing on securing the Internet of Medical Things (IoMT) and employing Software Defined Networking (SDN) for improved protection of connected medical devices and systems

NIST Zero Trust Architecture Presentation

- Explored the principles and application of the NIST Zero Trust Architecture, presenting a model for enhancing cybersecurity resilience through identity and access management.

ISO 27001 Implementation Report

- Led the implementation of ISO 27001 ISMS (Information Security Management System), preparing extensive documentation and tools to facilitate compliance and enhance organizational security standards.

Bug Bounty Pentesting Reports

- Conducted vulnerability assessments through bug bounty programs, generating detailed reports to strengthen security postures and protect against threats.

KEY COMPETENCIES

Network Protocols: TCP/IP, BGP, EIGRP, OSPF

Network Configuration: Router/switch setup, performance optimization

Cybersecurity: Firewalls, IDS/IPS (Snort), VPN (IPsec, SSL), web security, threat detection

Routing & Switching: Efficient data flow, Cisco (CCNA)

Network Monitoring & Troubleshooting: Issue detection, proactive analysis

Web Development: API integration, performance optimization, version control (Git)

SOFT SKILLS

- Analytical Thinking
- Attention to Detail
- Problem-Solving
- Adaptability
- Communication
- Collaboration
- Time Management
- Continuous Learning

INTERESTS

- Cybersecurity Research
- Ethical Hacking
- Web Development Trends
- Artificial Intelligence in Cybersecurity
- Network Design and Optimization
- Cloud Security
- Data Privacy and Compliance
- Open Source Tools
- Digital Forensics
- Emerging Tech in IT

REFERENCES

Sharonath Purusothemen

Director - Pioneer International Campus

MBA(UK), BTEC L7(UK), AMBCS(UK),
MCP, MCTS, MCITP, FCM

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Bevan Kanishka Liyanage

Program Coordinator/ Lecturer – IT, ESOF Metro Campus Kandy

MSc Information Technology Specialized in Cyber Security (SLIT)
Postgraduate Diploma (PgD) in Information Technology
BEng (Hons) in Computer Networking (London met, UK)

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