

# Sabit Md Asad

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## PROFESSIONAL SUMMARY

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Results-driven Cybersecurity & AI professional with hands-on experience in penetration testing, threat analysis, network security, and secure system design. IBM Certified in Cybersecurity with a Master's in Information Studies. Proven track record maintaining PCI DSS compliance, implementing SSL/WAF security controls, and conducting vulnerability assessments. Seeking a SOC Analyst, Security Analyst, or AI & Cybersecurity role to apply skills in incident response, SIEM monitoring, and threat intelligence.

## TECHNICAL SKILLS

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**Cybersecurity:** Penetration Testing, Ethical Hacking, Threat Analysis, Vulnerability Assessment, Incident Response, Network Security, IDS/IPS, Firewall Configuration, PCI DSS, SSL/TLS, WAF, Cryptography, OSINT

**AI & Machine Learning:** Python (ML/AI), IoT Security, Automated Threat Detection, Data Analysis

**Programming:** Python, Linux, JavaScript, HTML, CSS, C, DART (Flutter)

**Tools & Platforms:** Kali Linux, Wireshark, Nmap, Metasploit (via IBM Cybersecurity training), SIEM concepts, Git

**Engineering & Design:** AutoCAD, AVEVA Marine, Catia V5, MATLAB, Proteus ISIS

## EXPERIENCE

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### Junior Cyber Security Analyst — UpSkill Consultancy, Remote (January 2026–Present)

- Monitor and analyze cybersecurity events to detect threats, anomalies, and potential incidents in real time
- Support implementation of security protocols and controls to maintain secure IT infrastructure
- Conduct vulnerability assessments and basic risk analyses; document findings and escalate critical issues
- Collaborate with IT and security teams to identify and remediate potential security gaps across systems
- Maintain accurate security documentation, prepare incident reports, and contribute to continuous improvement of cybersecurity processes

### Security-Aware POS Technology Specialist — Dallas BBQ, New York (2024–2025)

- Maintained 100% PCI DSS compliance across all digital payment channels with zero security breaches
- Monitored and secured transaction systems; resolved 95% of issues independently
- Conducted daily transaction audits and anomaly detection; 100% accuracy
- Ensured 99.9% uptime through proactive maintenance and incident response

### Mechanical Maintenance Engineer — LG Energy Solution, Warren, OH (2023)

- Reduced system downtime by 15% through proactive monitoring and root cause analysis
- Documented system errors for weekly management review; drove 20% efficiency improvement

### Insurance Agent — Mega Insurance Brokerage, Queens, NY (2023)

- Managed sensitive client data and payment systems; 100% service continuity
- Boosted policy sales 25%; improved client retention 15%.

**Mechanical Design Engineer (Internship) — Dong Yang Engineering / Hyundai Heavy Industry, South Korea (2022)**

- Led a team of 5 engineers; delivered projects 5% ahead of schedule with 10% efficiency gain

**Web Developer — (2020–2022)**

- Built secure, responsive web applications; drove 30% traffic growth and 20% client satisfaction improvement

**EDUCATION**

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**Master of Science, Information Studies — Trine University, Detroit, MI (2023–2025)**

**Bachelor of Engineering, Mechatronics — Kyungsoong University, Busan, South Korea (2018–2022)**

**PROJECTS**

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- TookTaakShop E-commerce Security — SSL, secure payment gateways, WAF on live site (TookTaakShop.com)
- Cybersecurity Case Studies — Threat detection, pentesting, vulnerability assessment, mitigation
- Smart Automated Home (IoT Security) — Secure IoT architecture with access controls and encryption
- Smart Shopping Cart with IoT Billing — RFID + IoT with secured data transmission
- Autonomous Obstacle-Avoiding Vehicles — Real-time sensor-based decision systems
- Bipedal Walking Robot — Microcontroller-based synchronized motion control

**CERTIFICATIONS**

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- IBM Cybersecurity Analyst — Network Security, Penetration Testing, Cryptography (2025)
- Ethical Hacking Certification
- Website Development Certification
- Korean Electric Society — Capstone Design Competition Winner

**PUBLICATIONS**

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**AI-Driven Predictive Analytics for Intelligent Healthcare Monitoring and Early Disease Detection** February 2026  
*Journal of Posthumanism*

**Generative AI for Early Disease Detection: Hybrid ViT-CNN with Multi-Head Attention in Medical Imaging** February 2026

*Journal of Information Systems Engineering & Management*

**Emotion Recognition in Children Using Lightweight Deep Learning Model for Mobile Applications** November 2025  
*2025 IEEE International Conference on Future Machine Learning and Data Science (FMLDS)*

**Enhancing Cybersecurity with Adversarial Defense: A Multi-Domain Machine Learning Perspective** March 2022

*Cuestiones de Fisioterapia, 51(3):332-355*

**Application of Machine Learning for Early Disease Diagnosis in Healthcare** March 2022  
*Cuestiones de Fisioterapia*

**LANGUAGES**

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Bengali (Native) | English (Fluent) | Korean (Intermediate) | Hindi (Basic) | Arabic (Basic)