NAVID
FAZLE RABBI

SECURITY RESEARCHER + CONSULTANT

navid

"

YOU CANNOT
DEFEND
WHAT YOU HAVE NEVER
TRIED TO
BREAK.

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PILLARS

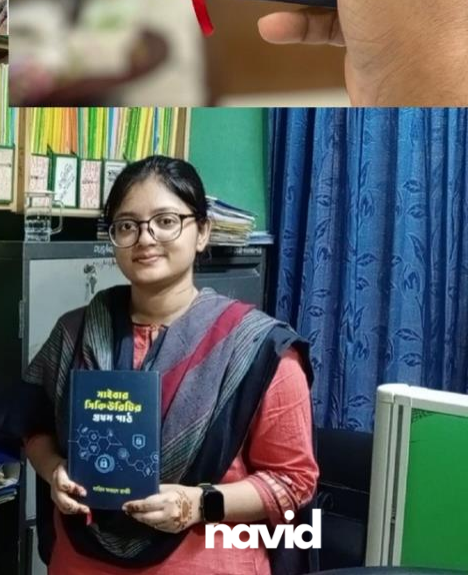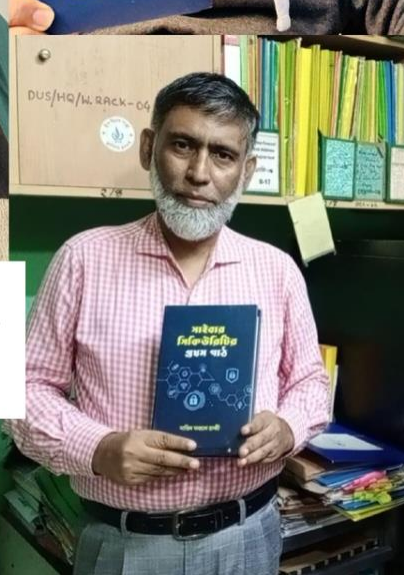ACADEMICS + RESEARCH

LEADERSHIP + STRATEGY

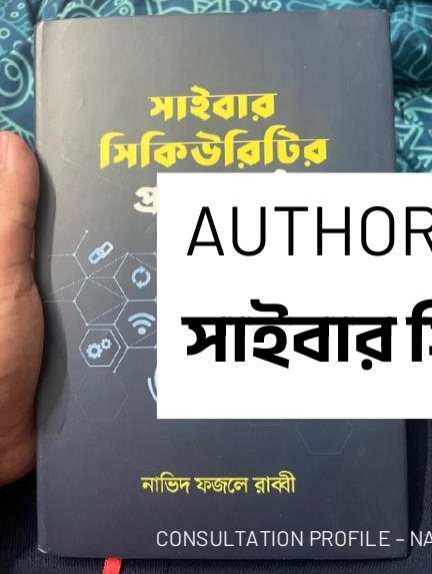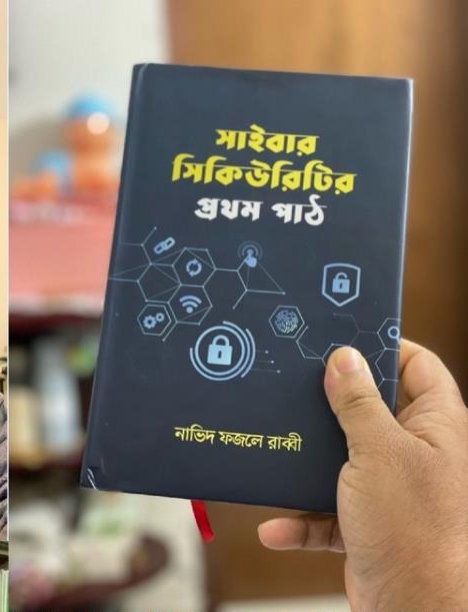DEFENSE BY OFFESE

SECURE ARCHITECTURE

DATA + GOVERNANCE

ETHICAL + IMPACT-FOCUS

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SOLD OUT
IN 3 MONTHS
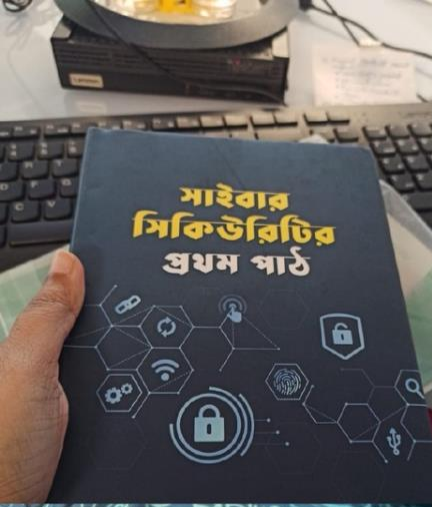
AUTHOR OF
সাইবার সিকিউরিটির প্রথম পাঠ

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COLLABORATION

WORKED *FOR*

COLLABORATED *WITH*

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RESEARCH AT A GLANCE

My research focuses on **Side-Channel Analysis**, **Reverse Engineering**, and **Real-world Cryptography**, with an emphasis on bridging **Hardware and Application security**.

I also work in **Offensive Security**, including **Web** and **Mobile Application Security**, **Browser Security**, **Source Code Analysis**, and **emerging areas in AI Attacks** and **AI Security**.

CURRENT RESEARCH
Reverse Engineering and Side-Channel Analysis of Homomorphic Encryption Implementations in Modern Applications

FOR MORE

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CONVERSATIONS

LINKEDIN NEWSLETTERS

Cyber Spectrum
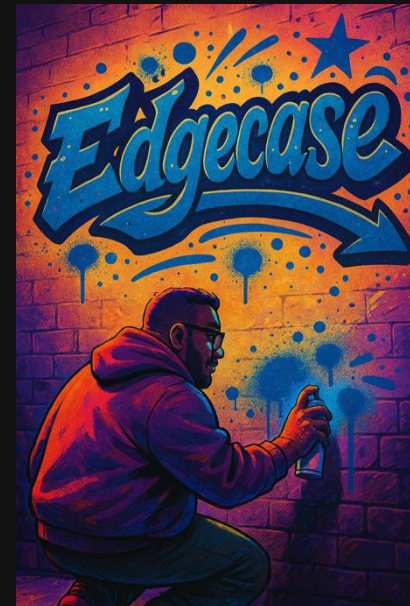Beginner-friendly cybersecurity
fundamentals for newcomers.

Oversight
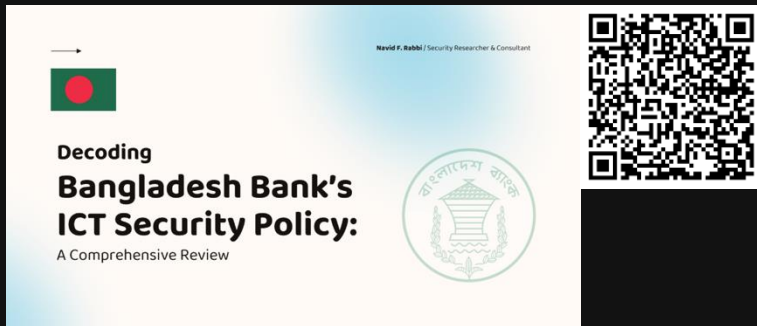Insights on economic, tech, and
cybersecurity policy.

Edgecase
Practical security deep dives and
real-world solutions.

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NOTABLE WORKS

In this strategic discussion, we decoded **Bangladesh Bank's ICT Security Policy**—examining its **strengths**, **gaps**, and **real-world impact**. We explored how the policy shapes **national cybersecurity standards**, the **challenges of implementation**, and the **opportunities** to build a more **resilient** and **proactive financial security ecosystem** in Bangladesh.
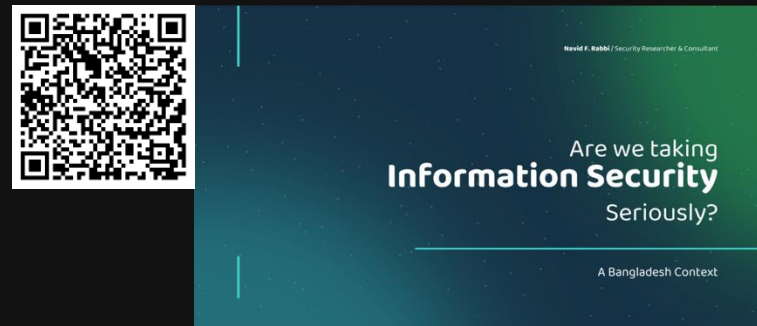
In this cybersecurity planning and strategic conversation **with the ICT Advisor to the Government of Bangladesh**, we explored whether information security is truly being taken seriously in the country. We discussed **current challenges**, **policy gaps**, and the need for **stronger national strategies**, focusing on **proactive measures**, **skilled workforce development**, and **building a resilient cybersecurity ecosystem** for Bangladesh.

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RESILIENCE

FRAMEWORKS + RESILIENCE BODIES

Implementing advanced threat detection and response mechanisms.

Continuous breach and attack simulations to identify vulnerabilities.

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SERVICES

CONSULTATION

(Advisory, assessment, and strategic guidance for organizations)

TRAINING

(Knowledge sharing, skill building, and structured learning)

Security Strategy & Architecture	Application & Platform Security	Vulnerability & Risk Assessment

Identity, Data & Infrastructure Security	Policy, Governance & Advanced Topics

Student Focused Training	Corporate Training & Workshop

Specialized & Advanced Sessions

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CONSULTATION

(Advisory, assessment, and strategic guidance for organizations)

Security Strategy & Architecture

* Security Architecture Guidelines
* Secure System Design Review
* Defense-in-Depth Strategy
* Security Ideation for New Products
* Go-Live Security Readiness & Maturity Review

Application & Platform Security

* Web Application Security Review
* API Security Assessment
* Mobile Application Security Review
* Secure SDLC & DevSecOps Maturity Assessment

Vulnerability & Risk Assessment

* Vulnerability Assessment & Penetration Testing
* Threat Modeling & Risk Analysis
* Security Control Gap Analysis
* Security Posture & Maturity Assessment

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CONSULTATION

(Advisory, assessment, and strategic guidance for organizations)

Identity, Data & Infrastructure Security

* Identity & Access Management (IAM) Review
* Data Security & Data Protection Strategy
* Cloud Infrastructure Security Review
* Cyber Hygiene & Baseline Security Practices

Policy, Governance & Advanced Topics

* Security Governance & Best Practices
* Cyber Warfare Strategy & Threat Modeling
* Security Awareness Strategy for Leadership

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TRAINING

(Knowledge sharing, skill building, and structured learning)

Student-Focused Training

FREE

* Cybersecurity Career Roadmaps
* Introduction to Cybersecurity (Foundations)
* Offensive & Defensive Security Fundamentals
* Research Pathway in Security & Cryptography
* CTFs, Certifications & Skill-Building Guidance
* Mentorship & Academic Direction Sessions

Corporate Training & Workshops

* Cybersecurity Awareness for Teams
* Secure Coding & Application Security Training
* API & Web Security for Developers
* DevSecOps Fundamentals for Engineering Teams
* Data Protection & Cyber Hygiene Training
* Incident Awareness & Security Culture Building

Specialized & Advanced Sessions

* Threat Modeling Workshops
* Security Architecture Deep-Dive Sessions
* Privacy & Security by Design
* Custom Workshops (Tailored to Organization Needs)

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EXPERTISE

WEB SECURITY

VULNERABILITY ASSESSMENT + PENTESTING

ARCHITECTURE GUIDELINE

INFRA SECURITY

API SECURITY

SECURITY IDEATION

MOBILE SECURITY

DEVSECOPS MATURITY
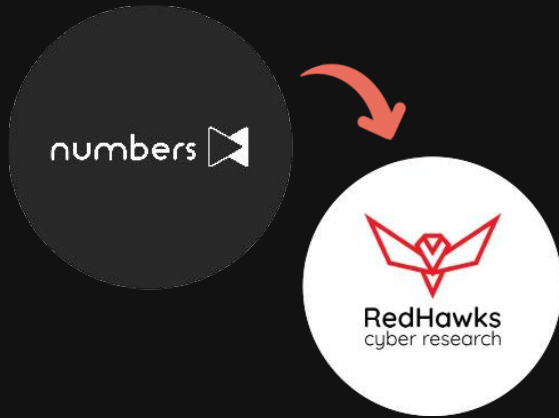
DATA SECURITY

IDENTITY + ACCESS MANAGEMENT

GO-LIVE MATURITY

CYBER WARFARE STRATEGY + MODEL

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ABOUT

RedHawks Cyber Research is a research and consultancy arm of **Numbers Incorporated**, focused on advancing secure technologies through a human-centric lens. We specialize in security consulting, training, and knowledge creation, empowering leaders to understand and navigate rapid digital transformation where security is not an afterthought, but the default.

navidnaf.com/red-hawks

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ABOUT

Navid Fazle Rabbi is a security consultant and researcher with experience across diverse security domains at both local and global levels. He is a **PhD** candidate in **Security** at the **University of North Carolina at Chapel Hill** and the founder of **Numbers Incorporated**, an organization focused on building security-centric technologies. He is also the author of the best-selling book সাইবার সিকিউরিটির প্রথম পাঠ, which has helped introduce cybersecurity to a broad audience.

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