

# Bagus Satrio Nugroho

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📍 Jakarta, Indonesia | 📞 +62 821-3670-5365 | ✉ [bagussatrionugroho@gmail.com](mailto:bagussatrionugroho@gmail.com) |  
🌐 [linkedin.com/in/bsnugroho7](https://www.linkedin.com/in/bsnugroho7) | 🌐 [bsnugroho7.github.io/profile](https://bsnugroho7.github.io/profile)

## Professional Summary

Dedicated and security-focused IT Security Engineer with 3+ years of experience in data protection, specializing in Data Loss Prevention (DLP), Microsoft Azure, and personal data security. Adept in developing and implementing security policies, handling compliance with global standards (GDPR, local regulations), and leveraging Microsoft 365 security solutions to mitigate risk. Highly motivated, detail-oriented, and passionate about enabling secure digital environments.

## Key Skills

- Data Loss Prevention (DLP)
- Microsoft Azure Security
- Personal Data Protection
- Microsoft 365 Security & Compliance
- Microsoft Entra ID Conditional Access
- Microsoft Intune (Endpoint & Mobile Device Protection)
- Microsoft Cloud App Security
- Information Security Policy Development

## Professional Experience

### • PT Bank Mandiri (Persero) Tbk – Jakarta, Indonesia

IT Security Engineer – Data Protection

Jan 2024 – Present

- Lead the implementation and enforcement of DLP policies across email, endpoints, and cloud apps using Trellix DLP
- Monitor and investigate policy violations involving personal or financial data (e.g., PII, PCI, Internal Doc).
- Secure personal mobile devices accessing Microsoft 365 services.
- Manage access policies on O365 using Entra Conditional Access to enforce compliance on unmanaged devices.
- Engage in incident handling and user education to reduce false positives and improve data handling practices.

Officer – Data Protection

Nov 2022 – Dec 2023

- Supported the rollout of data classification and DLP controls bank-wide.
- Configured sensitivity labels, supervised internal data sharing controls, and tested DLP rulesets.
- Worked closely with risk unit to align technical controls with regulatory requirements.
- Built automated flows using Power Automate to integrate policy exception with internal monitoring systems.

Officer Development Program

May 2022 – Oct 2022

- Rolled out Data Loss Prevention (DLP) policies across Microsoft 365 environments as part of a bank-wide initiative to enhance data protection.
- Studied core cybersecurity domains including identity, endpoint, and cloud security, and contributed to planning improvements for internal data protection systems..

- **PT. NOCOLA IoT SOLUTION – Central Java, Indonesia**

Engineering Intern

Jan 2021 – Feb 2021

- Designed and tested LoRa-based communication modules using MQTT protocol.
- Supported prototype validation and troubleshooting for sensor-based systems.

## Education

Universitas Gadjah Mada (UGM) – Yogyakarta, Indonesia

Bachelor of Science in Electrical and Instrumentation Engineering

Aug 2018 – Feb 2022

## Certifications

- CompTIA Security+ ce (Valid through Jan 2028)
- Microsoft 365 Administrator – MS-102
- GDPR Compliance: Essential Training
- CCNA: Enterprise Networking, Security & Automation
- CCNA: Introduction to Networks
- Cisco Packet Tracer Essentials

## Projects

- **2023 - Implemented bank-wide security policy restricting O365 access from personal devices** to prevent data leakage Tools used: Intune, Entra ID P1, Microsoft Defender for Cloud Apps (MCAS).
- **2024 - Developed and deployed DLP classification schema** (on-premise and cloud) aligned with Indonesia's Personal Data Protection Law, implemented organization-wide.
- **2025 - Redesigned and migrated the legacy on-premise DLP architecture** into a modern, scalable infrastructure within a Virtual Private Cloud (VPC) environment, enhancing security posture and operational efficiency. Led the end-to-end rollout of the new architecture across the entire organization..

## Awards

- **Best Graduate – Officer Development Program Batch 230 (2023), PT Bank Mandiri**  
Recognized for top performance in PT Bank Mandiri's flagship talent development program.
- **2nd Place – Automation Challenge (2024), CISO Office Group PT Bank Mandiri**  
Built internal ticketing automation with Microsoft Power Platform to streamline operations.

## Languages

- Bahasa Indonesia – Native
- English – Professional
- Japanese – Basic Conversation