HILDA ZAKIATUN NUFUS

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www.linkedin.com/in/hilda-zakiatun | https://github.com/hildazknfs | Open for remote job globally

Security Risk Assessment & GRC Specialist with 1+ years hands-on experience conducting comprehensive risk assessments and implementing security compliance frameworks. Built automation solutions that improved team efficiency by 70% while ensuring zero critical audit findings in ISO 27001 implementation. Skilled in incident response, threat assessment, and developing scalable GRC processes using Python and enterprise technologies.

Key Strengths: Security Risk Assessment • Governance Risk Compliance (GRC) • Incident Response • Security Operations Monitoring • Process Automation

EDUCATION

UNIVERSITY of PEMBANGUNAN NASIONAL "VETERAN" JAKARTA
Bachelor of Computer, Informatics   *2021- 2025*
GPA: 3.92/4.00 (Cumlaude)

TECH STACK & SKILLS

- **Security & Compliance:** ISO 27001 • Security Risk Assessment • NIST Framework • GRC • Incident Response • Threat Assessment • Vulnerability Management • Audit Coordination
- **Programming & Automation:** Python • SQL • Google Apps Script • JavaScript • Bash Scripting • CI/CD (GitHub Actions) • API Integration
- **Enterprise Tools:** Jira • Google Workspace • Slack • Microsoft Teams • Security Monitoring Tools • Ticketing Systems
- **Soft Skills:** Stakeholder Management • Technical Documentation • Cross-functional Collaboration • Problem-solving • Project Management

PROFESSIONAL EXPERIENCE

SUPERBANK INDONESIA   *Hybrid*
Indonesia's first fully digital bank backed by Grab (Southeast Asia's leading super-app) and Singtel, serving 4M+ users as of July 2025.
Security Assurance - Information Security   *May 2024 – May 2025*
ISO 27001:2022 & Security Risk Compliance Management
- Conducted comprehensive security risk assessments for 50+ third-party vendors using structured VSA methodology, identifying and mitigating critical vulnerabilities before onboarding
- Led ISO 27001:2022 ISMS implementation across organization, achieving compliance certification with zero critical findings during external audit
- Developed incident response strategies and security investigation procedures

Security Operations & Monitoring
- Built automated security monitoring system using Google Apps Script and Python, improving team operational efficiency by 70% and eliminating manual tracking errors
- Managed User Access Reviews (Tier 1-3) for 200+ employees, ensuring 100% compliance with privileged access management requirements
- Coordinated dual custody implementation for power user access, maintaining zero unauthorized access incidents throughout tenure
- Provided forensic investigation support through evidence collection and technical documentation for security incidents

Third-Party Risk Management
- Managed Vendor Security Assessments (VSA) program, ensuring 100% vendor compliance before contract finalization
- Tracked and remediated security gaps in third-party integrations, preventing potential data exposure incidents

- Developed automated reminder systems that increased vendor response rates by 60% and accelerated assessment timelines

Policy Development & Training
- Delivered security awareness training to 100+ employees across multiple departments, improving security onboarding workflow
- Developed and updated information security policies aligned with ISO 27001 and regulatory requirements
- Created bank-wide infosec awareness campaigns addressing emerging threats and social engineering attacks

Audit Preparation & Documentation
- Maintain accurate records of analytical processes and risk assessment activities in centralized tracking systems
- Prepare comprehensive analytical reports and documentation for internal and external audit purposes
- Develop Standard Operating Procedures (SOPs) and technical documentation for analytical workflows
- Support audit preparation through systematic data analysis and evidence tracking

BANGKIT ACADEMY Led By Google, GOTO, & Traveloka   *Remote*
Chosen among 4,636 students (from 45,841+ applicants nationwide). Trained intensively for 20 weeks in machine learning and career readiness, culminating in industry-driven capstone projects with real business impact.

Machine Learning Cohort   *Feb 2024 - June 2024*
- Developed analytical models to process and analyze data patterns, generating predictive insights for business decision-making
- Applied data preprocessing, statistical analysis, and pattern recognition techniques using Python
- Collaborated with cross-functional teams (cloud and mobile) to ensure seamless integration and project delivery

PROFESSIONAL PROJECT

ISO 27001:2022 PT Superbank Indonesia   *Nov 2024 - Feb 2025*
- Lead and maintain the ISMS (Information Security Management System) to ensure compliance with ISO 27001:2022.
- Conducted gap assessments to identify compliance and operational gaps, and updated Standard Operating Procedures (SOPs) and other internal documentation to align with security policies and regulatory requirements.

Automation Reminder System & Sync System using Google Apps Script   *Nov 2024 - Feb 2025*
Built to reduce manual workflows for internal teams and ensure stakeholder awareness of mandatory security compliance documentation.
- Automatically sends email reminders to relevant users for User Access Reviews (UAR), Power User Usage tracking, and Vendor Security Assessments (VSA) using Google Apps Script.
- Syncs supporting documents submitted via Google Forms directly to Google Drive, making it easier to track Power User access evidence.
- Improved workflow efficiency of the internal team by over 70%, eliminating manual reminders, follow-ups, and sync documents.

GRC Google Workspace Automation Tools   *March 2025*
Built to automate the IT GRC (Governance, Risk, and Compliance) request intake, notification, and evidence tracking workflow using Google Apps Script.
- Automatically generates Ticket IDs from Google Form submissions and sends personalized email notifications to requesters in real-time.
- Syncs request data to an internal tracker for easier monitoring and audit readiness without manual input.
- Automatically creates Google Drive folders per ticket, copies submitted evidence files, and updates tracker status with evidence submission links.

Repository: automated-ticket-tracker-google-apps-script

CI-Based Email Reminder Automation   *June 2025*
- Built to improve scalability and maintainability of the previous reminder system. Migrated from Google Apps Script to a more robust CI/CD pipeline using GitHub Actions and Python.
- Rebuilt the reminder automation system using Python, GitHub Actions, and Google Sheets API
- Developed a CI/CD-driven email reminder system using Gmail SMTP, secured with GitHub Secrets, and scheduled via cron

- Enhanced maintainability and flexibility compared to previous implementation.

Repository: email-automation-reminder-github-actions

Flask App Deployment with Cloud Run   *June 2025*

Built as a deployment-ready API project to demonstrate modern CI/CD, containerization, and secure cloud deployment practices.
- Built and containerized a Flask REST API with a /tasks endpoint.
- Implemented CI/CD pipeline using GitHub Actions, Docker, and Google Cloud Run.
- Applied Infrastructure-as-Code (IaC), used GitHub Secrets, and deployed securely via Artifact Registry.

Repository: flask-cloudrun

MyBlossom   *May 2024 - June 2024*

Developed as a Capstone Project for Bangkit Academy, MyBlossom is a menstrual cycle tracking app that leverages machine learning to help users monitor menstrual health through personalized predictions and insights.
- Contribute to MyBlossom, a menstrual cycle tracking application that helps users monitor their menstrual health by predicting cycles and providing insights based on their data. The app uses machine learning models to analyze user inputs (such as cycle length, last menstruation date, and mood) to provide personalized predictions.
- Develop machine learning models using Python to analyze data and support business decision-making.
- Perform data collection, scraping, and analysis to create predictive models and visualizations.

Repository: MyBlossom

LEADERSHIP & VOLUNTEER EXPERIENCE

KSM Multimedia UPN Veteran Jakarta

KSM Multimedia at UPN Veteran Jakarta is a study club focused on IT fields like web development, game development, graphic design, and motion graphics.

Human Resource Development Internal Staff   *Feb 2022 - Dec 2022*
- Help connect students and members of KSM Multimedia at UPN Veteran Jakarta to encourage teamwork.
- Create a positive and lively environment in the organization.
- Assist with activities and events using my experience as a Project Officer.
- Interview candidates applying to join KSM Multimedia and assess their fit for the team.

CERTIFICATION

Deep Learning AI Tensorflow Developer Specialization	*Apr 2024*
Tensorflow: Data and Deployment Specialization	*May 2024*
Machine Learning Specialization	*Apr 2024*
Mathematics for Machine Learning and Data Science	*Mar 2024*