RUDY HENDRA PRASETIYA, SST, M.A., M.S.E., CDSP, CPAC.
IT AUDITOR / RISK AND INTERNAL CONTROL SPECIALIST

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Linkedin Profile

PROFESSIONAL SUMMARY

Accomplished IT Auditor with 16 years of expertise in IT Audit, Risk Management and Digital Transformation. Proven ability to enhance organizational security and governance by aligning IT systems with regulatory requirements and implementing robust cybersecurity measures. Certified in Data Science, candidate for Fraud Examiner & Cybersecurity and willing to pursue certifications in IT and IS Auditor (ISO/ICE 27001:2022 and CISA) and Fraud Examination (CFE). I excel in delivering end-to-end audits with a focus on risk mitigation and compliance. My strong background in data science enables me to analyze extensive datasets using SQL and Python for decision support and business decision making. Holding postgraduate degrees in Economics and International Development, I bring a multifaceted perspective to public policy analysis, business sustainability, profit maximization, and ensuring compliance with regulatory frameworks while promoting operational excellence.

EDUCATION

University of Indonesia — Depok, Indonesia
Master, Scientific Economics; GPA: 3.22 — Oct 2019 – Sep 2021
International University of Japan — Niigata, Japan
Master of Arts, International Development; GPA: 3.44 — Oct 2020 – June 2021
Research Paper : *"Do Economic Complexity and Strong Institutions Affect Income Inequality?"* https://doi.org/10.36574/jpp.v5i3.213

Polytechnic of State Finance (PKN-STAN) — Tangerang Selatan, Banten
Bachelor of Applied Science, Accounting; GPA: 3.52 — Oct 2013 – Oct 2015
State Accounting — Tangerang Selatan, Banten
Associates Degree, Accounting, GPA: 3.23 — Oct 2005 – Oct 2008

WORK EXPERIENCES

Lead Instructional Designer | Government Internal Auditor Corporate University (GIA Corpu) — *Jun 2022 – Current, Bogor*
- Strengthened **organizational security posture,** at the aftermath of one security event, including **ISMS controls**, secure coding practices, and network security by conducting threat and vulnerability assessments.
- Streamlined IT-based learning delivery in ADB-sponsored training like Digital Forensics, Data Analytics, and National Telco Probity Audits, enhancing **time efficiency by 45%** and elevating **learners' satisfaction by 13%**, by implementing strategic content and delivery improvements.
- Pioneered a **Data Warehousing solution** (*in review*), projected to reduce **clearing time by 97.8%** through a Cash Management System and RDBMS.

Senior Consultant in Compliance and Risk Management – Freelance — *Oct 2021 – Jun 2024, Jakarta*
- Spearheaded a comprehensive **Risk Maturity Index assessment** at PT.X, a subsidiary of a state-owned enterprise in **payment and switching industry**, elevating organizational **resilience** from a nascent phase of 1.6/5.0 to a robust 4.0 (strong practice phase) within a 5-year strategic timeline, showcasing profound **long-term impact on risk management practices**.
- Introduced an innovative and scalable Compliance Self-Assessment mechanism that enhance employees' awareness, was prepared for further **integration** with regulation databases, **Enterprise Risk Management, Risk Modelling**, and Key Performance Indicators.

Subject Matter Expert, Audit Planning and QA – Finance and Development Supervisory Agency (BPKP) — *Oct 2021 – May 2022, Jakarta*
- Facilitated national-scale initiative for the local government in North Kalimantan, Ministry of Finance, and Ministry of Forestry, increasing local tax revenue by **400%** through integrated digital governance for export taxation.
- Developed an innovative assessment model on the degree of local governments' willingness to optimize local tax revenues, **mitigated biased audit program** in a team of 5.
- Led the **technocratic design and implementation** of strategic audit planning system (*Agenda Pengawasan Prioritas Daerah*) that reduced approval times by 60%, saving 204 administrative days, focusing on themes such as **environmental sustainability**, **food security, inclusive circular economy, natural resource management, and disaster prevention.**

Team Leader – Fraud Control, BPKP – Corruption Eradication Commission (KPK-RI) — *Jan 2017 - Aug 2018, Batam*
- Spearheaded FCP IT initiative, E-Government (*SIMDA*) solution in Riau Islands, enhancing budget transparency and increasing **budgetary drafting efficiency by 23%**.
- Delivered a **sustainable digital solution** (SIMDA) to support the enhance local government's capability and financial planning, resulting in **cost savings of Rp 1 trillion annually**, aligning with sustainability objectives for efficient use of resources.

Team Leader – General Audit Division & E-Gov Task Force, BPKP — *Mar 2015 - Aug 2018, Batam*
- Quickly adapted and introduced data analytic audit approach, within 10 days for the 2017 maritime subsidy program of Regency N, leading to firm audit findings or **cost-saving as much as Rp1.3 trillions** (approximately 25% of the total claim).
- Led the implementation of risk-based audit approaches and facilitated digital financial reporting for 8 local governments, resulting in annual **budget efficiencies of up to Rp 6 trillion.**

Team Leader – General Audit Division & E-Gov Task Force, BPKP   *Apr 2010 - Oct 2013, Jayapura*
o Audited and managed robust **data engineering framework**, involving **1-6 Millions Legacy Records** as a part of system migration in 9 local governments, conducting data validation and cleansing to streamline the workflow and enhancing the strong baseline in data warehousing and data governance.
o Audited and fostered culturally sensitive audit procedures national programs in more than 20 Local Governments by collaborating with local communities and local administrations, ensuring that audit respected **indigenous practices** while audit upholding objectives and good governance.

Junior Auditor – General Audit Division & E-Gov, BPKP   *Oct 2008 - Apr 2010, Jakarta*
o Spearheaded the **migration of legacy systems**, including financial reporting, tax administration, and asset management, for over 14,427 reporting units and 1 million infrastructure records across Jakarta Regions, resulting in full financial disclosure and timely budgetary reports on Jakarta's first *Wajar Dengan Pengecualian* (WDP) from Indonesian Supreme Audit (BPK-RI).
o Key player in a team of 7, assisting East Jakarta's Balance Sheet and full-disclosed financial reporting through asset inventory, data wrangling, and database audit and migration, involving more than 1 million data records of Land, Street, Irrigation, and Bridge Infrastructure within 7 months.

SKILLS SUMMARY

IT Audit	: IT Governance, Infosec, IT Infrastructure, IT General Control, Data Analytics, Gen AI, Fraud Control.
Financial Reporting	: Compliance, IFRS, Sustainability Reporting, Econometrics, Industrial Organizations, Data Storytelling.
Cybersecurity	: Cyber Resilience, Digital Forensics, ISO 27001:2022, Data Protection, Vulnerability & Threat Management.
Tools	: Jupyter Notebook, Stata, VSCode, PostgreSQL, CLI, Kali Linux, Cisco Packet Tracer, SIEM, SOAR.
Transferable Skills	: Rapport Building, People Management, Excellence Communication, Strong Stakeholder Management.

CERTIFICATES

Certified Data Science Practitioner (Nexus) | CERTIFICATE
o Collected, wrangled, built ML models, and delivered a story behind it.
o Applied statistical model and AI-algorithm in building and testing Machine Learning.
Network Security (Cisco - the Ministry of Communication and Digital) | CERTIFICATE
Candidate for **Certified Fraud Examiner** (ACFE), **Certified in Cybersecurity** (ISC2), **Certified Cybersecurity Technician** (EC-Council)
Exam Preparation for Certified Fraud Examiner (CFE) – ACFE
Exam Preparation for Certified Information System Auditor (CISA) – ISACA | CERTIFICATE
Google's Specialization on Cybersecurity (Google) | CERTIFICATE
o Developed Incident Response Technical Report, analyzed security events using Python and CLI in Ubuntu & Kali Linux.
Python for Cybersecurity (INFOSEC) | CERTIFICATE
o Developed customized Python script to automate cyber-attack and defense based on the MITRE ATT&CK framework
Digital Forensics Essentials | CERTIFICATE
o Simulated search and seizure, evidence preservation, data acquisition, analysis, and reporting
o Examined and investigated SIEM's logs, SQLi, malicious emails, and malwares
Cybersecurity Awareness Profesional Certification (CAPC) | BADGE
Data Science Math Skills (Duke University) | CERTIFICATE
o Simulated logistic regression and risk modeling using R
Cyber Threat Management (Cisco Networking Academy) | CERTIFICATE
o Conducted network security assessment based on the Cyber Kill Chain, CVEs, and Diamond Models
o Created a risk management plan and incident triage based on MITRE ATT&CK framework, Threat Intelligence, and correlation
Continuous Security Validation (EC-Council) | CERTIFICATE
o Applied cybersecurity concepts in hands-on simulations, keeping aligned with organizational context and threat landscape
o Simulated risk identifications using threat intelligence and vulnerability assessment and enabled proactive mitigation
IETS Band Score 7.5 (IDP) | CERTIFICATE
o Demonstrated high level of proficiency in English, able to operate effectively in a workplace with English as a primary language
o Demonstrated advanced comprehension in listening and reading, as well as solid writings
Scholarship Awardee in Indosat x Dicoding Bootcamp – React Developer (*on-going*, project: https://www.rudyprasetiya.com)

AWARDS

Double Degree Master Scholarship Awardee, 2018, the Ministry of National Planning (Kementerian PPN/Bappenas RI)
Undergraduate Scholarship Awardee, 2013, The Ministry of Finance Republic of Indonesia (Kementerian Keuangan Republik Indonesia)
Bachelor Scholarship Awardee, 2005, The Ministry of Finance Republic of Indonesia (Kementerian Keuangan Republik Indonesia)

REFERRALS

Moch Fahrudin – Head of Center for Supervisory Information, BPKP | Profile
personal information is available upon request
Norio Usui – Professor at the International University of Japan | Linkedin Profile
nusuicatenary@gmail.com
Asad Awami – Head of Human Capital Division, PT Sarana Multigriya Finansial | LinkedIn Profile
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