

I Dewa Gde Widhy Suryana

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SUMMARY

Risk Assurance Associate at PwC Indonesia with experience executing **ITGC and ITAC audits** across SAP and non-SAP financial systems for multi-industry clients. Involved in **process walkthroughs, ICFR (BPM/RCM) documentation, CAATs, and journal entry analytics** using Alteryx to support audit coverage and efficiency. Also contributed to a **PwC data analytics project** by developing **PySpark pipelines on Cloudera/Hive** for large-scale banking data analysis.

EDUCATION

Bachelor of Science in Information System and Technology – Bandung Institute of Technology (2020 - 2024)

Cumulative GPA : 3.74/4.00 (Cum Laude)

Information System Laboratory Assistant – Bandung Institute of Technology (2022 - 2024)

Mentored student projects in IT system analysis, enterprise architecture, UX/UI, project management, and SDLC.

EXPERIENCE

PwC Indonesia – Jakarta, Indonesia

Risk Assurance Associate (July 2024 - Present)

- Executed **ITGC** (access to programs and data, change management, computer operations, program development) and **ITAC audits** across SAP and non-SAP financial systems, supporting reliable financial reporting.
- Performed **process walkthroughs**, evidence review, and assessment of **configuration-based and IT-dependent controls** impacting financial reporting.
- Conducted **journal entry testing and analytics** using Alteryx, achieving an estimated **20–30% reduction in manual testing effort** through structured filtering and anomaly identification.
- Applied **computer-assisted audit techniques (CAATs)** using Alteryx to extract, validate, and analyze datasets with **100K+ records**, improving audit coverage and consistency.
- Prepared and updated **Business Process Models (BPM)** and **Risk & Control Matrices (RCM)** for **ITGC processes** as part of an **ICFR implementation project**.
- Coordinated with financial audit teams and senior associates across **multiple concurrent engagements**, meeting tight deadlines during peak periods.

Evomo – Bandung, Indonesia

IoT Product Researcher Intern (September 2023 - February 2024)

- Conducted **process mapping, requirement analysis, benchmarking, and user research** to define features, user flows, and subscription concepts for an IoT energy monitoring platform.

Telkom International – Jakarta, Indonesia

IT Platform Operation Intern (June 2023 - September 2023)

- Developed **Python (Pandas) log-processing scripts** for operational monitoring and integrated **Telegram Bot API with Grafana alerts**, improving incident response by approximately **30%**.
- Supported **IT data governance**, audit coordination, and operational documentation.

SELECTED PROJECTS

AI for Finance – PwC Project for Banking Client (2025)

- Built and executed **PySpark pipelines on Cloudera**, sourcing Hive data to preprocess **1M+ monthly contract transactions** and support **ML-driven analysis of branch financial trends**.
- Tech stack: Cloudera, PySpark, Hive, SQL

IoT Garden Monitoring & Maintenance System – Final University Project (2023-2024)

- Developed a smart gardening system integrating sensors, automation logic, and a Flutter app for real-time monitoring and alerts.
- Tech stack: Raspberry Pi, Arduino, Python, Firebase, Flutter

Promosee – Bangkit Academy Capstone Project (2023)

- Developed a FastAPI backend on GCP with an ML model recommending influencers based on campaign objectives.
- Tech stack: Python, FastAPI, GCP (Cloud Run, Firestore, Container Registry), ML Model Serving

HONORS

Bank Mandiri – My Digital Academy Awardee (December 2023 - January 2024)

- Developed skills in **product development** principles including **user segmentation, wireframing, and MVP definition**. Built a fintech prototype called **Budget Buddies** using OutSystems to improve children's financial literacy as a final project.

Bangkit Academy 2023 – Cloud Computing Cohort (February 2023 - July 2023)

- Developed skills in computer networking, system administration, and web development using JavaScript and Google Cloud Platform.
- Earned Google Cloud Skill Badges: https://www.skills.google/public_profiles/4728a126-ba1d-4796-8a5e-6cb77fba1d26
- Architected and deployed **cloud-native APIs** integrated with ML models for the final capstone project, **Promosee**.

SKILLS

IT Audit & Risk : ITGC/ITAC testing, ICFR (BPM & RCM creation), control evaluation

Data & Technical : SQL, Python (Pandas, NumPy), PySpark, Hive, Alteryx, ETL concepts, data validation, anomaly detection

Cloud & Platforms : Google Cloud (Skill Badges), Cloudera, Docker, Git, FastAPI, API integration

Professional : Analytical thinking, documentation & reporting, stakeholder coordination, cross-functional collaboration, business process mapping, requirements analysis