

MICHAEL ADRIEL DARMAWAN

TECHNOLOGY RISK ASSURANCE - ASSOCIATE @EY | EX BACKEND DEVELOPER @BCA | COMPUTER SCIENCE GRADUATE

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JAKARTA, INDONESIA

[LinkedIn](#) [Portfolio Website](#)

PROFILE

Technology Risk Assurance Associate at EY Indonesia, previously worked at BCA as IT Specialist. Bachelor of Computer Science graduate from BINUS University with combined experience in IT audit and software development. Strong interest in IT business analysis, IT governance, and software project management.

EXPERIENCE

Sep 2025 – August 2026

Technology Risk – Associate 2

EY Indonesia

Sep 2024 – Sep 2025

Technology Risk – Associate 1

EY Indonesia

Conducted integrated audit of Internal Control over Financial Reporting (ICFR) in accordance with Public Company Accounting Oversight Board (PCAOB) standards for a major telecommunications company and its subsidiaries.

- Audited 6 in-house applications, covering IT General Controls (ITGC), IT Application Controls (ITAC), and IT Dependent Manual Controls (ITDM).
- Assessed ITGC across multiple layers including application layer, Operating System (OS) layer, and Database layer.
- Performed walkthroughs and regular inquiries with senior management to gain in-depth understanding of business processes and ITGC, including access management, program changes management, and IT operations management.

Oct 2023 – Jul 2024

IT Specialist (Backend Developer)

PT Bank Central Asia (BCA)

Developed backend programs for mainframe-based banking systems supporting millions of daily transactions.

- Involved in projects related to transactions, reversals, and account mutations.
- Supported settlement and switching processes (ALTO, RINTIS) and merchant payment features (QRIS, KKI).
- Assisted in transaction correction processes using IBM MQ for z/OS, as well as journaling and reporting modules.
- Worked in a cross-functional team with product owners and business analysts within a highly regulated banking environment.

May 2021 – Aug 2022

Backend Engineer Intern

PT Super Giga Generasi (Fotoyu)

- Developed and maintained RESTful APIs for microservices-based applications.
- Integrated third-party payment gateways (Xendit, Midtrans) into backend systems.
- Supported the initiation and the development of an internal Content Management System (CMS).
- Wrote and maintained unit tests to ensure at least 90% code coverage, improving code reliability.

EDUCATION

Sep 2019 – Sep 2023	Undergraduate Computer Science Student BINUS University GPA: 3.76
Sep 2022 – Feb 2023	Exchange Student Saxion University of Applied Sciences Exchange Course: Business Improvement with Data. Course content: Data Acquisition, Data Analysis, and Data Visualization.

VOLUNTEERING

Nov 2022 – Mar 2023	Information Media PPI Deventer
Jan 2023 – Feb 2023	Audience Assistant 52nd International Film Festival Rotterdam (IFFR) 2023
Nov 2022	Audience Assistant & Runner 17th Leiden International Film Festival (LIFF) 2022
Nov 2022	Audience Assistant & Support Photographer 4th International Film Festival the Hague (IFFTH) 2022
Sep 2022	Suara Satu Abad Y20 Round Table Conference Secretarial & Logistics Committee PPI Belanda
Mar 2021 – Mar 2022	Student Mentor Binus Student Learning Community
Dec 2020	Proctor ICPC - International Collegiate Programming Contest

PUBLICATIONS

Dec 2023	Experiments on IndoBERT Implementation for Detecting Multi-Label Hate Speech with Data Resampling through Synonym Replacement Method IEEE Presented a research paper at the International Conference on Recent Advances and Innovations in Engineering (ICRAIE) 2023.
Dec 2021	Regression Models Analysis in Predicting the Impact of Population Growth on Flood Intensity in Jakarta IEEE Presented a research paper at the International Conference on Advanced Informatics: Concepts, Theory and Applications (ICAICTA) 2021.

LANGUAGES

English	IELTS Academic: Band 8.0 Listening: 8.0 Reading: 8.5 Writing: 7.0 Speaking: 7.5
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