Hidayat Taufiqur Rahmah Achmad

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Skills/Tools:

• Dynamics 365 F&O: X++, Data Entities, SSRS Reports, Electronic Reporting (ER), Batch Framework, Workflow Engine, Financial Dimensions, LCS, UDE

• Core Languages: X++, TypeScript, JavaScript, Go, Python, SQL (T-SQL, PostgreSQL, MySQL), C/C++, Bash

• Cloud & Databases: Azure DevOps, GCP, Docker, SingleStore, Redis, Nix(OS), GitHub Actions, Nginx

• Enterprise Integrations: File-based Ingestion Pipelines, REST APIs, JSON/XML Mapping, Camunda BPM

Professional Experiences

Nine Dots Consulting Group | Associate Technical Developer (March 2025 - Current)

• Delivered end-to-end D365FO customizations across multiple legal entities and international regions, executing Change Requests (CRs) and hotfixes aligned with Functional Design Documents (FDDs).

• Engineered file-based import integration flows, automating review -> approval -> posting lifecycle using Batch Framework and Workflows with built-in retries, logging, and audit traceability.

• Customized complex financial reporting assets (SSRS & Electronic Reporting) including customer/vendor aging, statements of account, sub-reports, and XML mapping templates.

• Built financial logic across withholding tax, rebates, prefunding/banking, and journal-voucher financial dimensions; designed underlying supporting data models and scheduled batch jobs.

• Managed multi-environment deployment operations (DB restorations, service orchestration, and code promotion to Test/Prod) via Azure DevOps and LCS.

• Collaborated directly with functional consultants and stakeholders to scope man-day estimations and translate FDDs into scalable technical deliverables.

Nusantara Food Ontology | Backend Developer Freelance (March 2024 - January 2025)

• Built an automated ontology extraction pipeline using Python, Flask, and PostgreSQL with a RAG architecture parsing incoming web and document data.

• Reduced system latency by ~33% and improved API throughput by optimizing database query I/O and streamlining external service integrations.

• Configured GitHub Actions CI/CD automation pipelines, accelerating deployment velocity threefold.

Telkom Indonesia | Backend Developer Intern at Data Science & AI Chapter (September 2023 - February 2024)

• Developed robust RESTful APIs in TypeScript using GCP services (BigQuery, Cloud Functions) to support internal enterprise analytics platforms.

• Assisted in a zero-downtime database migration from MySQL to SingleStore distributed DB, significantly lowering query execution times for large data sets.

Telkom Indonesia | Backend Stream in Telkom DBT Program (February 2023 – August 2023)

• Delivered an MVP in a cross-functional team of 8 + tech lead; designed and deployed a Go API integrating Camunda to streamline workflow processes.

Informatics Laboratory | Practicum Assistant (February 2022 - August 2023)

• Led Data Structure & Algorithm practicums for 250+ students, mentoring them on complex concepts and real-world applications.

Education

Telkom University Bandung | B. CompSci (GPA: 3.76/4.00) (September 2020 - September 2024)

Academic Research: Authored and published empirical research investigating the performance impact of HTTP protocol versions (HTTP/1.1 vs HTTP/2 vs HTTP/3) on backend API latency and throughput.

Organization Experiences

Proclub Telkom University | President (June 2023 - September 2024)

Led organizers across events, admin, and HR; built and managed the software engineering curriculum.

Proclub Telkom University | Lead Software Engineer (January 2022 – June 2023)

Developed and managed the software engineering curriculum, handled human resources for internal and external events, and assisted the President with both technical and administrative responsibilities.

Selected Projects & Achievements

Teknofest - Led a team building a web app and Discord bot that streamlined registration for 1,000+ participants.

OSS Contribution - Contributed bug fix to open-source repository integrating Google Calendar API for desktop event management.

Programming Contest, Universitas Syiah Kuala - Finalist.