ANDI **ALIFSYAH** DYASHAM
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SUMMARY

Engineer with 3+ years of experience in high-scale banking systems and Sovereign AI development. Best Graduate of Brawijaya University (GPA 3.95/4.00) with a Master's in Computer Science. Proven track record of slashing development cycles by 70% through AI automation and managing core migrations of 114+ transaction types.

EXPERIENCE

PT. Bank Mandiri, Tbk – Jakarta, Indonesia   **10/2025 – Present**
Software Engineer of Low – Code and Business Automation

- Fortified the Account Statement API by implementing Rate Limiting and K6 load testing, ensuring at least 90% system availability and identifying critical bottlenecks in ASP.NET services before production.
- Spearheaded "Sovereign AI" prototypes by developing local AI agents for SDLC documentation and L/C (Letter of Credit) discrepancy checking, enhancing data security while reducing manual review cycles.
- Architected a "Smart RM Copilot" prototype leveraging Knowledge Management systems to provide RMs with personalized customer insights, aimed at increasing retention and service efficiency at the BSD branch.
- Fast-tracked through the National Officer Development Program, earning General Banking Level 1 Certification to align technical solutions with core banking operations.

CV. SiMi Kita Selesaikan – Kendari, Indonesia   **05/2023 – Present**
Co-Founder & Chief Technology Officer

- Architected and launched "NYAMPE," a GPS-based personnel tracking platform utilized by 5+ organizations to automate attendance monitoring and improve employee accountability.
- Directed digital transformation for 10+ SMEs, delivering custom POS and reservation systems that streamlined operations and enhanced digital marketing ROI.
- Spearheaded the R&D for "RECEH," an AI-driven personal finance ecosystem featuring automated expense tracking and intelligent sovereign-AI financial advisory.

PT. Ihsan Solusi Informatika – Bandung, Indonesia   **09/2023 – 10/2025**
Backend Engineer - Lead Backend Engineer

- Engineered the migration of 114 core transaction types to Golang microservices, reducing system downtime by 20% during peak loads through optimized connection pooling and robust recovery mechanisms.
- Spearheaded the development of 11 SNAP APIs for PT. POS Indonesia, achieving seamless integration with 10+ financial services by strictly adhering to Bank Indonesia's open API standards and improving partner onboarding efficiency.
- Reduced Mean Time to Resolution (MTTR) by 35% (saving approx. 4 hours per week) by implementing centralized logging and Grafana dashboards for core banking modules.
- Spearheaded the integration of AI-driven automated code review and correction workflows, slashing development turnaround time by 70% and accelerating the deployment lifecycle from commit to production.

PACCMANN Academy Indonesia – Jakarta, Indonesia   **04/2023 – 05/2024**
Teaching Assistant (Parttime Remote)

- Mentored 500+ students on Flask and Vue.js projects, maintaining a 95% satisfaction rating across 3 cohorts through high-quality technical feedback and live support

PT. Venturo Pro Indonesia – Malang, Indonesia   **12/2022– 03/2023**
Full Stack Web Developer

- Developed backend web services using Laravel, Native PHP, and Go, as well as frontend web applications using Angular for PT. Venturo's internal management tools

Fakultas Ilmu Komputer Universitas Brawijaya – Malang, Indonesia   **01/2020– 11/2022**
Research & Laboratorium Assistant

- Co-authored research and engineered a deep neural network chatbot using TensorFlow and NLP.
- Mentored 220+ students across Mobile Programming, Database Administration, and Fundamental Programming practicums over 5 academic terms.

Techno's Studio – Kendari, Indonesia   **03/2021– 06/2021**
Web Developer (Internship)

- Designed and developed a Laravel-based Point of Sale (POS) application.

EDUCATION

Universitas Brawijaya – Malang, Indonesia   **2022 - 2024**
Master of Computer Science (M. Kom), Computer Science Program
GPA: 3.83 – *Cum Laude* / Graduated With Honors
Thesis: "Prefix-Tuned Encoder-Decoder Pretrained Model for Mitigating Low-Resource Domain
       Cases in Chatbot Development"

Universitas Brawijaya – Malang, Indonesia   **2019 - 2023**
Bachelor of Computer Science (S. Kom), Information System Program
GPA: 3.95 – *Cum Laude* / Graduated With Honors
Thesis: "Design and Development of a Retrieval-Based Chatbot for Helpdesk Automation at the
       Faculty of Computer Science, Brawijaya University"

AWARDS & RECOGNITION (Selected)

- **Awardee** of Scholarship and Fast-track Master's Program in Computer Science, Brawijaya University, 2022
- **Best Graduate**, Faculty of Computer Science, Brawijaya University, Period IX, 2023/2024
- **Best Graduate**, Information Systems Program, Faculty of Computer Science, Brawijaya University, Adjudication Period XIV, 2023/2024
- **2nd Place**, National Student Scientific Research Week, Mataram University, 2023
- **1st Place**, Master's Student Essay Competition, Anniversary of the Faculty of Biology, Jenderal Soedirman University, 2023
- **Gold Medalist**, Tanoto Student Research Award (TSRA), 2022
- **Bronze Medal**, International Youth Business Competition, Indonesian Young Scientist Association (IYSA), Entrepreneurship Category, 2022
- **Awardee** of Bank Indonesia Scholarship, 2022
- **2nd Runner Up**, Most Outstanding Student (MAWAPRES), Faculty of Computer Science, Brawijaya University, 2022
- **1st Place**, Business Case Competition, Faculty of Economics and Business, Haluoleo University, 2021
- **2nd Best Essay**, National Disaster Preparedness Day, UKM Search and Rescue (SAR), Haluoleo University, 2021
- **1st Place**, Scientific Article, Gallusia Student Press Organization, Faculty of Animal Husbandry, Gadjah Mada University, 2020
- **2nd Place**, Scientific Essay, Dilan Competition Festival, OJK Learning Centre Community, Southeast Sulawesi, 2020

  (full list available on website andialifs.github.io)

ORGANIZATIONAL EXPERIENCE

- **General Chairman**   **01/2022 – 01/2023**
  Student Research Group, Faculty of Computer Science, Brawijaya University
  (K-RISMA FILKOM UB)
- **Head of Research and Development Division**   **02/2021 – 01/2022**
  Student Research Group, Faculty of Computer Science, Brawijaya University
  (K-RISMA FILKOM UB)
- **Vice Head of Data Science Department**   **02/2021 – 05/2021**
  Basic Computing Community, Faculty of Computer Science, Brawijaya University
  (BCC FILKOM UB)
- **Staff of Media, Communication, and Information**   **12/2019 – 10/2020**
  Association of Youth, Cadets, and Students of Southeast Sulawesi - Malang
  (IPPMA SULTRA - MALANG)

FOREIGN LANGUAGE PROFICIENCY

- TOEFL ITP (April 2021)
  570

OTHER EXPERIENCES

- Speaker S-KRIM Berprestasi Part I 2021 [Agustus 2021]
  KBMSI Universitas Brawijaya
- Moderator Talkshow Deep Tech Foundation x BCC Filkom UB:
  Understanding the Basics and Implementation of Deep Learning [April 2021]
  DeepTech Indonesia Foundation