FARREL REKSA PRAWIRA

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EDUCATION

Universitas Indonesia – Bachelor of Information Systems 2023 – 2027 (Expected)
GPA: **3.78/4.00**
Pertamina Foundation Scholarship Awardee (2024–2025; 1 of 16 at UI from 19,000+ applicants)
Teaching Assistant, Introduction to Computer Architecture (2024/2025)

EXPERIENCE

Forward Deployed Engineer Apprentice, Shopee Jan 2027 – Jul 2027
Shopee Apprentice Program

AI Infrastructure Product Intern, Indosat Ooredoo Hutchison (IOH) Apr 2026 – Oct 2026

- Selected as **1 of 40 INSPIRE Apprentices** (17,000+ applicants); partnered with Lintasarta on **Cloudeka 2.0**.
- Built a **VMware migration prototype inspired by AWS Transform**, automating vSphere inventory discovery, VM dependency mapping, and migration wave planning to accelerate enterprise moves onto Cloudeka.
- Led market research, competitive benchmarking, pricing, business cases, and PRDs/BRDs/TDDs for **GPU as a Service, GPU VDI, and sovereign cloud** to support GTM strategy and launch readiness.

PRODUCT EXPERIENCE

Co-Founder, Tofly (tofly.id) Jun 2026 – Present

- Built an AI-assisted TOEFL, IELTS, and TOEIC prep platform serving **1,000+ Indonesian learners**.
- Won **1st Place (National)** at **KMI Expo 2026** (Bisnis Digital Berkembang) with Kemdiktisaintek P2MW funding.
- Accepted into **NVIDIA Inception**, **Google for Startups**, and **Claude for Startups**; lead product and growth.

ORGANIZATIONAL EXPERIENCE

Project Manager, RISTEK Fasilkom Universitas Indonesia Mar 2024 – Mar 2026

- Led *ristek.link* as Head of Product, scaling the link shortener to **4,000+ users** and **15,000+ links** in one year.
- Delivered client and internal software projects totaling **70M+ IDR** on time and within budget, including an internal-medicine mobile app adopted by **200+ staff** at a national hospital.
- Wrote PRDs, WBS, and roadmaps across engineering, design, and operations using Asana, Jira, and Mixpanel.

AI Project Specialist, ShARE Universitas Indonesia Feb 2025 – Jul 2025

- Led a feature team scoping AI integrations for an EdTech client into prioritized stakeholder roadmaps.

Project Development Team, AIESEC in Universitas Indonesia Feb 2024 – Feb 2025

- Coordinated LeadTalk (8 industry speakers, **500+ attendees**) and LeadVisit to 3 multinational companies.

SELECTED PROJECTS & NATIONAL AWARDS

GEMASTIK XVIII – ICT Scientific Paper, 1st Place (National) Oct 2025
Co-authored *PINK-MVAN*, a quantized multi-view mammography model for breast cancer detection achieving **99.9% size reduction** (0.059 MB), **75.7% recall**, and **8× faster CPU inference**. (Paper)

Microsoft ASEAN AI for Accessibility Hackathon – 2nd Place (National) Jun 2026
Built *Docusense*, a Microsoft Edge extension that parses PDF layouts and describes figures for visually impaired students.

Kominfo TSA Data Science Competition – 1st Place (National) Nov 2024
Placed 1st of **250+ teams** with an Out-of-Fold Hill Climbing repeat-purchase model and customer segmentation analysis for dairy retail. (Slides)

Sebelas Maret Data Science Competition – 1st Place (National) Nov 2024
Built a lagged-correlation weather forecasting model to improve rainfall and power-outage predictions. (Slides · Paper)

Telkom University Data Slayer 2.0 – 1st Place & Best Presentation (National) Jun 2024
Built a CV video fall-detection model with Euclidean sequence reconstruction, achieving **100% test accuracy**. (Slides)

SKILLS & LANGUAGES

Product PRDs/BRDs, Roadmapping, Pricing & Business Cases, GTM Strategy, Asana, Jira, Mixpanel, Figma
Technical Python, SQL, scikit-learn, TensorFlow, YOLO, Tableau, Next.js, React, Django, PostgreSQL
Languages Indonesian (Native), English (TOEFL ITP 640)