

Taqil Sarwat Fayyadh

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PROFILE

T-shaped Software & Fullstack Engineer specializing in building scalable web applications, enhanced by expertise in AI Automation and LLM integrations. Passionate about technopreneurship and eager to leverage both full-stack development and AI to build impactful, human-centric applications.

EDUCATION

Bosowa University

Bachelor of Information Technology
Cumulative GPA: 3.93/4.0

Makassar, Indonesia
Sept, 2025 - Now

WORK EXPERIENCE

Artificial Intelligence Engineer

PT Bosowa Corporindo

Makassar, Indonesia
Aug 2026 - Present

- Design and implement Agentic AI solutions to optimize business processes at Bosowa Corp and its business units.
- Promoting operational efficiency and company performance through the integration of appropriate AI systems.

AI Automation Engineer

PT Kodeka Digital Raya

Makassar, Indonesia
Dec 2025 - Jun 2026

- Led the end-to-end architecture and deployment of an automated data processing system for a national institution, seamlessly managing 12,000 users across 10 regions utilizing React, Express, n8n, and Mistral OCR.
- Architected an AI-driven WhatsApp conversational agent leveraging LLM (Gemini, Deepseek, etc) to automate customer support routing, reducing average response time by 90% and successfully handling 1,000+ weekly queries.
- Engineered automated data ingestion pipelines using n8n to synchronize unstructured data into AppSheet databases, eliminating manual data entry bottlenecks and saving approximately 28 hours of operational time per week.
- Designed scalable integration workflows connecting external APIs with internal business logic, ensuring high availability, secure data routing, and real-time synchronization.

SKILL

- Languages:** Python, JavaScript, TypeScript, PostgreSQL.
- Frameworks & Tools:** React, Next.js, Express, Supabase, Tailwind CSS, n8n, AppSheet.
- Core Competencies:** Technopreneurship, Problem Solving, System Architecture, Cross-functional Collaboration, Technical Mentorship.
- Languages:** Indonesian (Native), English (Limited but Functional).