

HANIF DWY PUTRA S.

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SUMMARY

I am Hanif Dwy Putra S., often called Hanif. Currently, I live in Bandung, West Java. Strongly role as a Backend Developer and DevOps. My first encounter with programming began when I was in elementary school, and JavaScript became the first programming language I learned. My experience as a Backend Developer started during junior high school through freelance work, and I am capable of collaborating and communicating effectively in a team.

WORK EXPERIENCE

PT Mitra Cerdas Nusantara – Indonesia **July 2025 – Present**
Junior Fullstack Developer (Fulltime)

- Maintained and enhanced legacy PHP native applications supporting internal campuses operations, focusing on system stability and continuous functional improvements.
- Designed and developed a scalable construction project management platform (Dashpro EPCC by PT Wijaya Karsa Tbk.) to featuring report management, planning modules, multi-level approval, and productivity calculation using Laravel,DDD, Clean Architecture, and FrankenPHP.
- Built an end-to-end counseling management system serving 18,000+ university students featuring automated early-warning risk detection, consultation workflow management, and cross-system academic data integration using Laravel, React/TypeScript, and PostgreSQL with RBAC security and RESTful API design.

Linkupcareer.id – Indonesia **April 2025 – September 2025**
Technical Lead (Internship)

- Managed Moodle LMS infrastructure and content delivery for a large-scale live English & Personal Branding Bootcamp with 100+ concurrent participants.
- Oversaw team workflows and ensured successful delivery of both the education platform and customized HR system using OrangeHRM.
- Interviewed and assessed candidates for technical roles within the Technology division. And Collaborated with the Learning division to prepare and deliver educational content.

Projects.co.id – Feelance **November 2023 – January 2024**
Fullstack Developer

- Developed a WhatsApp API Gateway using Node.js to support school attendance systems, enabling broadcast messaging, automated notifications, and reporting features. Built an integrated web dashboard with Next.js, Tailwind CSS, and Zustand for state management. Tech stack: Node.js (TypeScript, Fastify, Baileys), Redis, MySQL/MariaDB, Next.js (TypeScript, Tailwind CSS), and Docker for deployment.
- Built a web platform and API to aggregate tender and non-tender data from the Electronic Procurement Service (LPSE), supporting data viewing and export in PDF, XLSX, and DOCX formats. Implemented using Node.js (TypeScript, Fastify, Cheerio), Laravel + AdminLTE (PHP), Redis (messaging & caching), and MariaDB/MySQL.

Raznar.ID (Raznar Lab Software Agency) - Freelance **December 2021 – May 2024**
Backend (Bot) Developer

- Built a feature-rich Discord bot for an e-commerce platform with ticketing, chatbot, product & voucher management, donation system, transaction/invoice handling, and payment integrations (Xendit & Midtrans). Included GraphQL API for website connectivity.
- Maintained a RESTful API integrated with a third-party AI service for soil quality assessment from field images, combined with environmental parameters such as temperature, humidity, and light intensity. Developed using Bun (TypeScript, Elysia) and Redis.
- Enhanced and customized Wings applications (*Pterodactyl* Software) by adding new features aligned with market and customer needs, while adapting the solution to the company's existing infrastructure.

ORGANIZATION EXPERIENCE

Organisasi Siswa Intra Sekolah (OSIS)
Head Coordinator of SEKBID 9 (Technology and Multimedia Division) **Oct 2022 – Nov 2024**

- Managed social media strategy, creating engaging content (copywriting, photography, graphic design) to promote events and showcase achievements.
- Led a team to document school activities, ensuring accurate records and real-time updates across official social media platforms (Instagram, and TikTok)

PROJECTS

SNBP Mirror - <https://snbp.sman3palu.sch.id>

Maintainer and developer of snbp-mirror, a TypeScript-based open-source project that powers a self-hosted data mirror for SNBP school admission statistics designed to enhance educational insight and data autonomy.

TikTok Downloader - <https://github.com/hansputera/tiktok-dl>

a TypeScript-based open-source TikTok downloader (API + web UI) with both watermark and no-watermark support, built on a Turbo monorepo architecture (Next.js frontend, sandboxed Node.js API), Dockerized for easy deployment, and starred 120+ times.

UTBK/SNBT 2025 Tracker - <https://utbk2025.hanifu.id>

a TypeScript-based open-source UTBK 2025 Indonesia students data tracker (API + web ui), built on a [Next.js](#), and the data is original from Kemdikbudristek closed source data.

Re-registration School System - <https://daftarulang.sman3palu.sch.id>

A modern web application for SMAN 3 Palu’s annual student re-registration (daftar ulang). Features secure authentication, responsive design, data validation, and production-ready tooling tailored for Indonesian high school administrative needs.

EDUCATION

SMA Negeri 3 Palu **July 2022 – May 2025**
Ilmu Pengetahuan Alam (IPA)

- 6th place in OSN-P (Olimpiade Sains Nasional Provinsi) Central Sulawesi in the field of Informatics.
- 9th place in OSN-K (Olimpiade Sains Nasional Kota) Palu in the field of Informatics.
- Participating in the Intra-School Student Organization (OSIS) as the Chief Coordinator of SEKBID 9 in the field of Technology, Informatics, and Communication.

SKILL, LANGUAGE & OTHER EXPERIENCE

- **Language** : Bahasa Indonesia : Native
- **Hard Skill** : Ms. Excel, Ms. Word, Ms. Powerpoint, Canva
- **Soft Skill**: Exceptional discipline, effective communication, proven leadership, collaborative teamwork, efficient time management, critical problem-solving, meticulous attention to detail, and adaptability in dynamic environments.
- **Certificate** : OSNP Informatika Sulawesi Tengah, OSNK Informatika Sulawesi Tengah, 3rd winner of the web design competition from STMIK Adhi Guna Sulawesi Tengah
Link Portfolio : <https://hanifu.id>