

ACHMAD NABIL AFGAREZA

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PROFESSIONAL SUMMARY

Informatics Engineering student at State Polytechnic of Malang and Software Developer specializing in full-stack web application development, database architecture, and machine learning integration. Proven experience building scalable end-to-end web platforms utilizing Next.js, Laravel, Filament, PostgreSQL, and Docker. Strong focus on system performance optimization, secure web application testing (OWASP standards), and collaborative agile development practices.

TECHNICAL SKILLS

- **Programming Languages:** PHP, JavaScript, TypeScript, Python, SQL, HTML5, CSS3
- **Frameworks & Libraries:** Laravel, Filament v4, Next.js, React.js, Tailwind CSS, Express.js
- **Databases & Cloud / BaaS:** PostgreSQL, MySQL, Firebase Authentication
- **DevOps & Developer Tools:** Git, GitHub, Docker, Linux (CachyOS), VS Code, DBeaver, Laragon, Postman

WORK EXPERIENCE

Indonesian Data Annotation Contributor | *Outlier (Freelance) — San Francisco, US (Remote)*

Apr 2025 – Jul 2026

- Evaluated AI language model effectiveness against comprehensive key performance indicators and strict linguistic benchmarks.
- Provided detailed, actionable technical and linguistic feedback to enhance AI model comprehension, reasoning, and factual precision.
- Trained and fine-tuned conversational speech outputs to deliver natural, human-like Indonesian interactions across complex domain prompts.
- Performed systematic data annotation and alignment tasks adhering to stringent quality and safety standards.

Front End Web Developer | *Illiyin Studio (Internship) — Malang, East Java, Indonesia (On-site)*

Nov 2023 – Apr 2024

- Engineered responsive, accessible front-end interfaces utilizing Next.js, JavaScript, and modern CSS/Tailwind workflows.
- Conducted rigorous tasks analysis and technical problem solving, achieving top competency scores (Tasks Analysis: 93/100, Problem Solving: 95/100, Disciplinary: 97/100).
- Collaborated closely within cross-functional teams with UI/UX designers and back-end engineers to implement pixel-perfect user flows.
- Maintained thorough code quality, modular component architectures, and reliable cross-browser compatibility across client digital solutions.

KEY PROJECTS

SKN Superapp – HRIS & AI Face Recognition Attendance | *Laravel 12, Livewire 3, PostgreSQL, FastAPI, Docker (2026)*

- As Full-Stack Developer & AI Integrator, built an HRIS MVP for PT Surya Komponen Nusantara to manage ±1,200 multi-shift manufacturing and office employees, with role-based workspaces (Staff, HRD, Finance) and Chart.js dashboards.
- Developed a stateless face recognition microservice (FastAPI, InsightFace) containerized with Docker, combined with GPS geofencing to prevent location spoofing and proxy check-ins.
- Implemented an automated payroll pipeline (overtime, late penalties, BPJS/tax deductions, PDF payslips) backed by Cloudflare R2 object storage and Neon Serverless PostgreSQL.

JayaCamp – Outdoor Equipment Rental System | *Laravel 12, Filament v4, MySQL, Tailwind CSS (2026, Team PBL)*

- Built a rental platform for Politeknik Negeri Malang's Project-Based Learning that digitizes stock allocation, reservations, and returns of outdoor gear, with a Tailwind CSS and Blade customer catalog.
- Constructed an admin panel with Filament v4 for real-time inventory management, pricing tiers, and revenue tracking.
- Designed relational MySQL schemas and database transactions to prevent double-booking across overlapping rental dates and ensure integrity for order placements and returns.

GoForUmrah – Your Umrah Partner | *Next.js, JavaScript, Tailwind CSS, Figma (2023 – 2024, Illiyin Studio)*

- Translated Figma design systems into responsive, accessible Next.js pages for a platform that simplifies discovering and booking Umrah travel packages.
- Structured reusable Tailwind CSS components and integrated package listings, detailed itineraries, and booking inquiry workflows.

More project can be found on my github: [Github Repositories](#)

EDUCATION

State Polytechnic of Malang (Politeknik Negeri Malang) — *Malang, Indonesia*

Bachelor of Applied Science (D4) in Informatics Engineering | Expected Graduation: 2028

- GPA: Current GPA, 3,95 | Relevant Coursework: Data Structures, Database Systems, Web Programming, Software Engineering, Computer Networks

SMK Telkom Shandy Putra Malang — *Malang, Indonesia*

Vocational High School | Jul 2021 – Jun 2024

- Specialized in Software Engineering (RPL). Built core competencies in frontend fundamentals, component-driven development with React.js, modern CSS architectures with Tailwind CSS, and collaborative version control.

HONORS & ACHIEVEMENTS

- [Certificate of Internship – Front End Web Developer, Illiyin Studio \(Evaluation: Tasks Analysis 93, Problem Solving 95, Disciplinary 97\)](#)
- [1st Place PKM GFT Category – Malang State Polytechnic HMTI Intercomp \(Oct 2024\)](#)
- [3rd Place National Web Hackathon \(Best Performance Category\) – PlayIt \(Oct 2026\)](#)