

SYAHLA' SYAFIQAH FAYRA

Depok | +6285880824285 | syahlasyaqiqah31@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)
Full-Stack Developer | Software Engineer | Mobile Developer | Backend Developer

PROFESSIONAL SUMMARY

BNSP-certified Software Engineer and Informatics Engineering graduate (GPA 3.88/4.00) with hands-on experience building and modernizing digital infrastructure for both government agencies and private enterprises. Skilled across full-stack web engineering, mobile development, and ERP customization using Laravel, React.js, Flutter, and Odoo. Known for a fast learning curve and an adaptable engineering mindset, having successfully delivered cross-platform applications across varied tech stacks through continuous on-the-job learning. Adept at transforming complex manual workflows, handling large datasets, and maintaining high standards of code architecture.

WORKING EXPERIENCE

Badan Pengawas Tenaga Nuklir (BAPETEN) — Jakarta, Indonesia

Pranata Komputer Intern

November 2025 – May 2026

- Spearheaded digital transformation initiatives across public services by building and deploying full-stack web applications and mobile solutions.
- Managed the complete Software Development Life Cycle (SDLC) for 4 core internal software systems, handling everything from initial user requirements gathering to architecture design and production deployment using Laravel, React.js, and Flutter.
- Re-engineered legacy operational workflows, replacing manual communications with automated digital pipelines to improve data integrity and tracking.

Achievements: Successfully digitized 4 core organizational systems from scratch, converting multi-step manual email procedures into traceable digital pipelines that eliminated lost documentation and accelerated internal processing times.

PT. Lintang Utama Infotek — Jakarta, Indonesia

Software Engineer Intern

February 2024 – February 2025

- Customized and deployed bespoke Odoo ERP modules to streamline academic operations, including registration, attendance tracking, and grading workflows.
- Engineered an Odoo-based library management platform featuring role-based access control (RBAC), catalog management, and automated transaction logging.
- Handled, validated, and migrated legacy administrative records over to live server databases while ensuring zero loss of operational integrity.

Achievements: Boosted client administrative throughput by roughly 30% through targeted ERP workflow customizations, and successfully migrated over 30,000 sensitive records into production environments with a 100% data fidelity rate.

Celerates (PT Mitra Talenta Grup) — Jakarta, Indonesia

Web Development & UI/UX Design Independent Study

September 2024 – December 2024

- Worked within an agile sprint team focused on backend application development using Node.js.
- Contributed to product development phases from initial market research and technical ideation down to execution and testing.
- Conducted milestone walk-throughs and project demonstrations for technical mentors and corporate stakeholders to ensure feature delivery matched business requirements.

Achievements: Delivered a production-ready backend framework on schedule while meeting strictly audited code standards set by external tech mentors.

PROJECTS

Buku Putih Energi Nuklir 2026 Publication Layout & Media Design

July 2026

Tech Stack: Canva, Multimedia Production

- Designed and formatted official multimedia visual assets for a national publication launch event attended by delegates from DPR-RI, Kemenlu, ESDM, BAPETEN, and PLN.
- Conducted layout reviews and quality control checks for the strategic "Buku Putih Energi Nuklir 2026" document, adjusting typography, data tables, and graphics for publication standards.
- Produced promotional assets, including event flyers and custom video bumpers, to support live presentation materials.

Quality Assurance Service System (KFJM) BAPETEN

February 2026 – May 2026

Tech Stack: Laravel, MySQL

- Built a centralized web portal to digitize internal service application approvals and compliance reviews.
- Automated document generation workflows, enabling the application to auto-fill and issue official internal memos (Nota Dinas), audit reports, and competency certificates.

QA Scheduling & Service Portal

January 2026

Tech Stack: React.js, Tailwind CSS, Firebase, Vite

- Created a scheduling platform for quality assurance teams featuring internal calendar tracking and event notifications.
- Engineered a responsive front-end using React.js and Tailwind CSS, backed by Google Firebase for authentication, database management, and hosting.

Geographical Mapping Dashboard (LUK & LPK)

January 2026

Tech Stack: Leaflet.js, Tailwind CSS, PapaParse

- Developed an interactive map dashboard to display geographic coordinates for Conformity Assessment Bodies (LUK) and Training Institutes (LPK).
- Connected Google Sheets as a lightweight live database, utilizing PapaParse for real-time client-side parsing.

Competency Certification Grading App

November 2025 – December 2025

Tech Stack: Flutter, Android

- Designed an Android application created to help examiners conduct and score practical competency certification tests on-site.
- Enabled real-time score input through a simple mobile interface built for minimal input latency.

Syasya Food Website 2025

February 2025 – August

Tech Stack: Web Tech, WhatsApp API, Google Calendar API

- Built an MSME web application featuring product catalogs, direct WhatsApp Business checkout integration, and an administrative control panel for inventory and financial logging.
- Integrated the Google Calendar API to manage order notifications and operational scheduling automatically.

Odoo Addons (Library & Academic Management)

April 2024 – May 2024

Tech Stack: Odoo, Python, PostgreSQL

- Programmed Odoo add-ons for managing book collections, patron accounts, and transaction records using relational database structures (Many2Many, One2Many).
- Built administrative tools for managing student-teacher records, schedules, and report cards.

GoConcert Mobile App | October 2023 – December 2023

Tech Stack: Flutter, Pytesseract, Google Cloud Vision API

- Developed an Android ticketing app that used OCR technology to scan ID cards and autofill user registration details.

EDUCATION

Politeknik Negeri Malang

2021 – 2025

Bachelor of Applied Science (D4) in Informatics Engineering | **GPA: 3.88 / 4.00**

SMK Negeri 1 Depok

2018 – 2021

Vocational High School Diploma in Software Engineering

ORGANIZATION EXPERIENCE

Islamic Spiritual Community (RISPOL) - Politeknik Negeri Malang

Active Member (Women's Division)

August 2021 – September 2022

- Organized operational logistics, venue setups, and catering management for campus-wide expos and committee events.
- Handled registration processes and attendee check-ins during orientation and mentoring events for incoming freshmen.
- Worked as part of the Q&A management team during the "Firma Ceria" National Seminar, moderating audience inquiries for event speakers.

Achievements: Kept event operations running smoothly for campus gatherings reaching over 100+ participants with zero major scheduling bottlenecks.

CERTIFICATIONS

- **National Agency for Professional Certification (BNSP)** — Certified Computer Software Programmer | Valid until Oct 2028 (ID: 62019.3512.01.5.0013920.2025)
- **Digital Talent Scholarship by KOMINFO** — Junior Mobile Programming | 2023

SKILLS

- **Technical Skills:** PHP, JavaScript, Dart, Python, XML, Laravel, React.js, Node.js, Flutter, Tailwind CSS, Odoo, Leaflet.js, Vite, MySQL, PostgreSQL, MongoDB, Google Firebase, RESTful APIs, Git, Systems Analysis, Data Migration, Database Architecture
- **Soft Skills:** Problem-Solving, Cross-Functional Collaboration, Continuous Learning, Adaptability, Technical Communication, Agile Methodology, Attention to Detail, Project Management
- **Languages:** Indonesian (Native), English (Professional Working Proficiency)