

HARIS SOFYAN

SOFTWARE ENGINEER / CLOUD ENGINEER

Building web, mobile, data, and AI products from business requirements to production systems.

OPEN TO SOFTWARE ENGINEERING & TECHNICAL LEADERSHIP ROLES



Professional snapshot

A quick profile designed to help recruiters understand the core value proposition in under a minute.

Software Engineer and Cloud Engineer with 4+ years of experience across full-stack, backend, data engineering, machine-learning integration, and technical leadership. Comfortable owning the full lifecycle: requirements, architecture, implementation, testing, deployment, troubleshooting, and production maintenance.



4+ YEARS EXPERIENCE



WEB + MOBILE + AI



END-TO-END OWNERSHIP

CORE STRENGTHS

- Full-stack & backend engineering
- RESTful APIs and service integration
- System and database architecture
- Cloud, deployment, and production support

HOW I WORK

- Translate business requirements
- Lead priorities and delivery
- Collaborate with stakeholders
- Document, test, and continuously improve

Laravel | Next.js | Flutter | Python | FastAPI/Flask | MySQL | PostgreSQL | MongoDB | Supabase | Google Cloud

School wellbeing, supported by AI

One product ecosystem with clear boundaries between the core application, AI services, and human decisions.



SCHOOL WELLBEING PLATFORM

EduMind

A data-driven school wellbeing platform for students, parents, teachers, psychologists, school admins, and system admins. The requirements inventory spans 76 sub-features across 28 feature areas.

- Emotion check-ins, assessments, journaling, appointments, and referrals.
- Role-based wellbeing monitoring dashboards and structured permissions.
- Contribution: technical leadership, system mapping, documentation, QA, and delivery.

Laravel

Blade

Tailwind

PostgreSQL

PRODUCT / SYSTEM

SELECTED ENGINEERING WORK

EA

AI SERVICE INTEGRATION

EduMind AI

An AI layer for emotion-story classification, reflective insight, and wellbeing recommendations with backend control, validation, fallback, logging, and human review.

- Three-tier architecture: frontend, Laravel backend, and AI service.
- FastAPI/Flask with secured API-based LLM integration.
- AI supports counsellors and psychologists; it does not replace them.

FastAPI / Flask

Groq LLM

REST API

AI Governance

Therapy operations and AI experience

Products designed around service coordination, data privacy, and human support.

PRODUCT / SYSTEM

SELECTED ENGINEERING WORK

M

THERAPY OPERATIONS

MindJourney

An operations platform for managing therapy schedules, therapists, clients, rooms, session duration, and notes in a clear weekly view.

- Weekly schedules across rooms and therapists.
- Session details and report exports for operational use.
- Designed for schedule clarity and service coordination.

Scheduling

Operations

Reporting

PRODUCT / SYSTEM

SELECTED ENGINEERING WORK

MA

AI-ASSISTED EXPERIENCE

MindJourney AI

An AI-assisted extension to the MindJourney experience. Model and client-data details are withheld for confidentiality; architecture can be discussed during an interview.

- Designed as a support layer, not an automated clinical decision-maker.
- Separates sensitive data, the core application, and AI services.
- Prioritises safe, relevant, and human-reviewable insight.

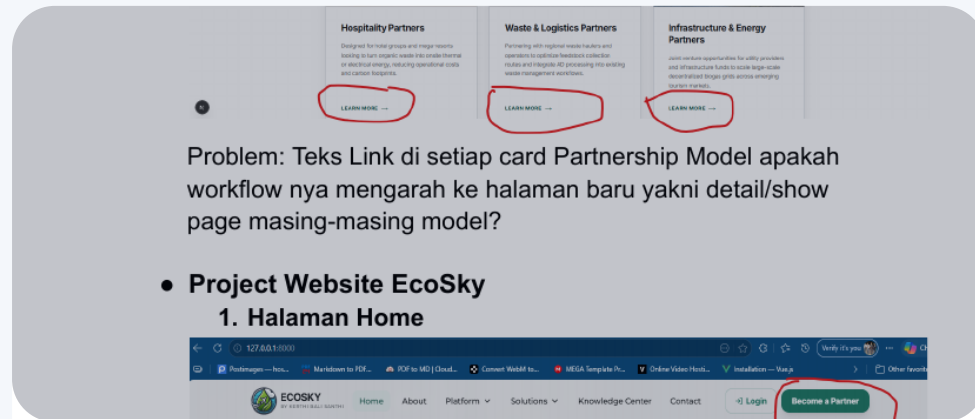
AI Integration

Privacy

Human Review

From circular economy to corporate CMS

Operational platforms combining public experience, internal workflows, data, and governance.



CIRCULAR ECONOMY PLATFORM

EcoSky Apps

A digital platform for used-cooking-oil collection and conversion toward sustainable aviation fuel, with partner operations and carbon-impact visibility.

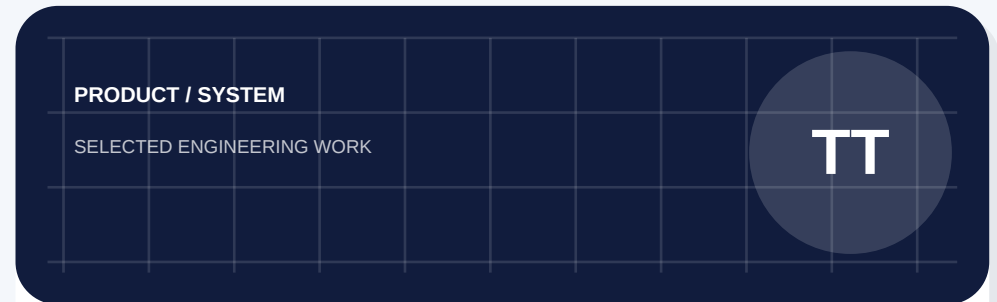
- UCO, CO2, partner, pickup, payment, and operational alert dashboards.
- Partner map, onboarding applications, knowledge centre, and article CMS.
- 94 sub-features inventoried across 19 modules for QA validation.

Laravel 11

Tailwind

Alpine.js

Leaflet



CORPORATE PLATFORM & CMS

Trisula / TrisulaX

A corporate and knowledge platform featuring insights, case studies, enquiries, SEO, a media library, and a structured internal CMS.

- Public pages, insight listing/detail, filters, and related content.
- Filament CMS for articles, categories, tags, media, and case studies.
- Validation, anti-spam controls, metadata, and enquiry workflows.

Laravel

Blade

Filament

Alpine.js

Delivery visibility and school systems

Examples of work connecting technical implementation, documentation, QA, and project decision-making.

PRODUCT / SYSTEM

SELECTED ENGINEERING WORK

KM

ENGINEERING OPERATIONS

KBS Monitoring

Cross-repository and product monitoring that improves delivery visibility, GitHub governance, application QA, and UI/UX progress tracking.

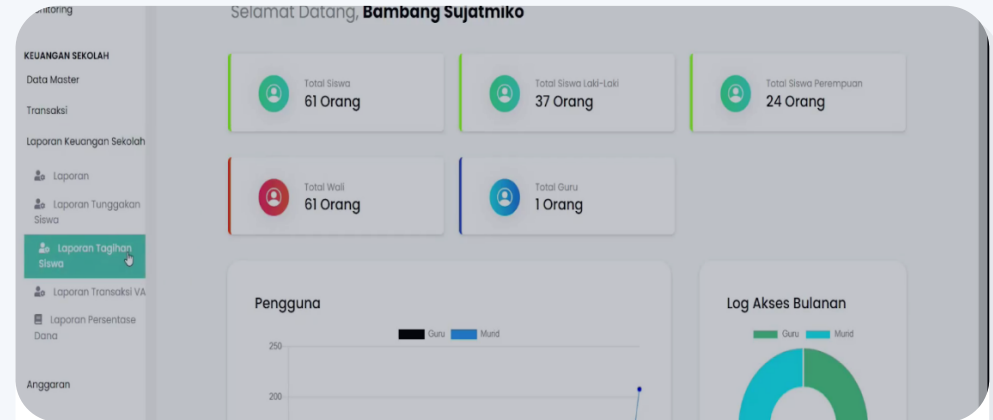
- Tracks targets, owners, progress, priority, blockers, and action plans.
- Supports repository standards, documentation, CI/CD, and release readiness.
- Helps project leads make decisions from measurable delivery status.

Governance

QA

CI/CD

Reporting



SCHOOL MANAGEMENT ECOSYSTEM

Compro KBS SMS

A company profile and school management ecosystem integrating academic, administrative, communication, HR, library, exam, and reporting workflows.

- Multiple roles for administrators, teachers, students, and school operations.
- Exam monitoring, attendance, curriculum, grades, assignments, and communication.
- Module documentation and improvement inventory for continuous development.

School ERP

Multi-role

Documentation

QA

Hospitality and property

Digital products combining content management with a strong, credible brand experience.



HOSPITALITY WEBSITE & CMS

Atap Langit

A responsive website and CMS for Atap Langit Coffee House & Space, providing complete content management and a polished public experience.

- Manages hero content, menu, gallery, team, testimonials, news, and messages.
- JWT authentication via HTTP-only cookies and Cloudinary media uploads.
- Modern App Router architecture, API routes, and PostgreSQL database.

Next.js 15

Prisma

Supabase

Cloudinary



PROPERTY BRAND EXPERIENCE

Kulino Properti

A digital brand experience supporting property presentation, visual identity, marketing materials, and more consistent product communication.

- Brand assets and business-development materials.
- A clean visual direction designed to strengthen product credibility.
- Implementation details are available in a project discussion.

Property

Brand

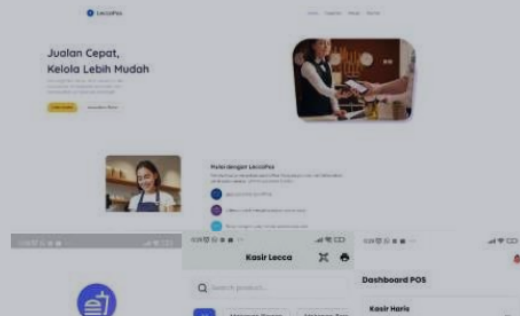
Business Development

Retail and enterprise delivery

Operational solutions focused on usability, reliability, and client confidentiality.

TECH STACK : Laravel + Flutter

URL PUBLIK : Proyek pribadi – belum dipublikasikan



RETAIL POINT OF SALE

Kasir Toko

A point-of-sale application that simplifies transactions, product catalogues, inventory, customers, and sales reporting for daily store operations.

- Focused on fast transactions and consistent record keeping.
- Supports inventory control and sales summaries.
- Designed for straightforward use by store operators.

POS

Inventory

Sales Reporting

PRODUCT / SYSTEM

SELECTED ENGINEERING WORK

CONFIDENTIAL ENTERPRISE WORK

Indofood

Enterprise work in an Indofood business context. Scope, data, and implementation details are intentionally withheld and can be discussed during an interview.

- Experience working with large-organisation requirements.
- Prioritises requirement clarity, reliability, and stakeholder coordination.
- No sensitive data, credentials, or internal materials are exposed.

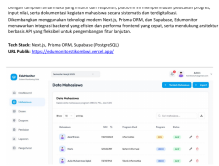
Enterprise

Confidential

Stakeholder

Systems that demonstrate delivery range

Earlier selected work demonstrating delivery across domains and technology stacks.



EduMonitor STIKOM

Structured monitoring and assessment for MBKM, community service, and internships.

Next.js

Prisma

Supabase



ULT Poliwangi

Integrated leave requests and graduation administration for students.

Laravel

MySQL

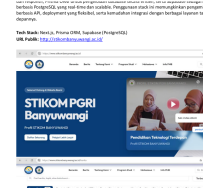


RPL UNIBA

Web-based assessment and verification for prior-learning recognition.

Laravel

MySQL



STIKOM Official Website

Institutional website with news, programmes, events, and admissions.

Next.js

PostgreSQL

From AI automation to business operations

Earlier selected work demonstrating delivery across domains and technology stacks.

Automated Answer Detection

Spesifikasi mendeskripsikan area jawaban pada bentuk soal yang diberikan. Sistem telah terdistribusi ke lingkungan server Flask, untuk kemudian web yang menggunakan sistem ini akan menerima input soal dan proses dari hasil tersebut dan menghasilkan output berupa area jawaban yang terdeteksi. Dengan menggunakan teknologi ini, proses pemeriksaan jawaban dari siswa bisa berjalan dengan lebih cepat, akurat, dan dapat diintegrasikan dengan sistem lain.



Web-based answer-area detection and automated OMR checking.

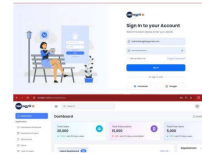
Flask

TensorFlow

YOLOv2

HRD + Workload Analysis

Sistem dengan kemampuan untuk menganalisis beban kerja, mendeteksi area yang memerlukan perhatian, dan memberikan rekomendasi untuk meningkatkan efisiensi. Sistem ini juga dapat digunakan untuk menganalisis beban kerja dan memberikan rekomendasi untuk meningkatkan efisiensi.



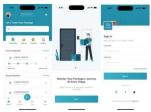
HR operations and workload analysis for better resource allocation.

Laravel

MySQL

Sales Order Tracking

Sistem ini akan membantu proses penjualan dengan menyediakan informasi yang akurat dan real-time. Sistem ini juga dapat digunakan untuk menganalisis data penjualan dan memberikan rekomendasi untuk meningkatkan efisiensi.



Order tracking from inventory through delivery and customer confirmation.

Laravel

Flutter

Laboratory Lending

Sistem ini akan membantu proses penyalangan peralatan laboratorium dengan menyediakan informasi yang akurat dan real-time. Sistem ini juga dapat digunakan untuk menganalisis data penyalangan dan memberikan rekomendasi untuk meningkatkan efisiensi.



Equipment lending workflow for admins, technicians, and students.

Laravel

MySQL

Additional project catalogue

Projects are intentionally summarised to keep the portfolio easy to scan. Role details and demos can be discussed during an interview.

BUSINESS & OPERATIONS

- 1 LECCAPOS - web/mobile POS + Midtrans
- 2 Udraharjo Workshop - customers, services, and parts
- 3 BANANA88 TRANS - travel packages and transactions

EDUCATION

- 1 Modernize Learning - courses, video, quizzes, and progress
- 2 E-Renstra & Work Plans - institutional strategic planning
- 3 SMPN 2 Kalipuro Attendance - barcode + WhatsApp notification

SERVICES & COMMUNITY

- 1 Nano Si Tukang - tradesperson services marketplace
- 2 Mansawangi Guest Book - library visitor records
- 3 EduMonitor, ULT, and RPL - integrated academic services

Let's build useful products.

I am interested in software engineering challenges that require ownership, technical care, and close collaboration with the business.

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1st Place - National IT Mobile Programming | Google Cloud Fundamentals | 1st Place - National Poster Design | Jagoan Digital Banyuwangi Grant Awardee