



RAS

RAZKY AGENG SYAHPUTRA

INFORMATICS STUDENT AT INSTITUT TEKNOLOGI SEPULUH
NOPEMBER | [KYRAZZ.MY.ID](https://kyrazz.my.id)

OBJECTIVE

Seventh-semester Informatics student at ITS. Almost everything I build sits between a model and the person who has to use it: a thesis-format checker running on an ITS server, a platform that turns a lecture video into a quiz. I can wire an AI service into a working product; what I want from the Academy is the other half deciding with designers and business people which product deserves to exist.

SKILLS

Languages — C, C++, Python, Kotlin, Dart, JavaScript / TypeScript, PHP, SQL
Mobile — Flutter, Kotlin, BLoC, Clean Architecture, Firebase, Mapbox, Geolocator
Web & backend — Next.js, React, Express.js, Laravel, REST API, JWT & RBAC, Prisma, Tailwind

PROJECTS

TAKCEKIN • AI THESIS-FORMAT ANALYZER, LIVE AT ITS • 2025

Checks a Final Project (TA) document against the ITS writing standard structure, typography, margins, numbering and citations from an uploaded PDF or DOCX. As AI integration engineer I integrated a pre-trained LLM and built the Python backend that prompts it, parses the responses and feeds results back into the Laravel app. Laravel, Python, MySQL, LLM
senopati.its.ac.id/TAKCEKin.

EDUFORGE • AI PLATFORM: MATERIAL IN, QUIZ OUT • 2026

Teachers upload a PDF, slide deck or lecture video and the platform generates a quiz; students take it and track their results. Built end to end: JWT auth with Teacher/Student roles, an FFmpeg and pdf2pic media pipeline, an Express 5 REST API, 8 Prisma models in PostgreSQL, and the Next.js interface. Groq Whisper + Vision.

AITF-DFK DETECTION • RAG SYSTEM FOR DETECTING HARMFUL DIGITAL CONTENT • 2026

Architected a Retrieval-Augmented Generation pipeline that cross-references text against verified legal articles and factual databases to flag disinformation, defamation and hate speech. Integrated custom-trained models and tuned it to cut retrieval latency. Python, Qdrant, LangGraph, Claude.

FOODBRIDGE • FOOD-DONATION APP - GROUP PROJECT, TEAM OF 3 • 2026

Connects donors who have surplus food with receivers who need it: three roles, a staged claim flow (PENDING → CONFIRMED → VERIFIED), push notifications and pickup locations on a map. I owned the Receiver side feed, detail page, claim flow, donor



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AI & data — LLM integration
(Groq, Claude), RAG,
LangGraph, Qdrant, FFmpeg
pipelines
Databases — PostgreSQL,
MySQL, MongoDB, Firestore,
Qdrant
Tools — Git, VS Code,
Android Studio, Vercel, Neon,
Figma

CERTIFICATIONS

Associate Data Scientist
Digital Talent Academy 2026

EDUCATION

BACHELOR OF INFORMATICS
ITS, Surabaya. Jul 2023 –
present, semester 7. GPA 3.46
/ 4.00.

rating. Flutter, BLoC, Clean Architecture, Firebase
github.com/hamasfaa/FoodBank

TRACKMYRIDE • REAL-TIME GPS RIDE TRACKER • 2025

Records a motorcycle ride in the background through a
foreground service, draws the route on a Mapbox map, and stores
distance, duration and average speed per activity. Mobile
Programming course final project. Flutter, Firebase, Mapbox,
Geolocator — github.com/yuusha25/FP-PPB-TrackMyRide

OTHER PROJECTS

Portfolio Web (2026). database-backed portfolio with its own
admin panel; Next.js 16, Prisma 7, Neon. DraftKuy (2024) Android
draft-pick assistant for Mobile Legends, self-initiated, shipped
with AdMob. Kasir Digital (2024) Android point-of-sale app built
end to end. ChronoCam (2024) CCTV media manager searchable
by time; React, Express, MongoDB.

EXPERIENCE & ORGANIZATIONAL ACTIVITY

SOFTWARE ENGINEER INTERN • PT. SALAM PASIFIC INDONESIA LINES • JULI 2026 - JANUARY 2027

Assigned to 2 project. First, Development of a fleet cylinder
monitoring system with forecasting capabilities to detect
component failures. Second project to be announced.



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