

Habil Nasution

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SUMMARY

"A passionate technology enthusiast with expertise in software engineering, full-stack development, and Artificial Intelligence (AI). Skilled in leveraging advanced technologies to solve complex problems through innovative solutions. A quick learner and critical thinker with strong abilities in collaboration, public speaking, and adaptability. Driven by ambition and curiosity, combining creativity with technology to deliver impactful results."

EXPERIENCE

GenBI Komisariat USK

Universitas Syiah Kuala

Head of Publication and Socialization

2024 – 2025

- Led the publication and socialization division, focusing on Bank Indonesia policies such as QRIS, BI-Fast, and Cinta Bangsa Paham Rupiah (CBP).
- Led the "Sosialisasi QRIS dan Perlindungan Konsumen bersama Bank Indonesia" program with more than 100 participants.
- Produced after-movie videos to document events such as "QRIS Goes to Campus."

Bangkit Academy

Remote

Cloud Computing Cohort

2024

- Studied various Google Cloud Platform (GCP) services, including Compute Engine, App Engine, Google Kubernetes Engine, VPC, IAM, and Cloud Billing.
- Developed a tea plant disease detection application by integrating mobile development, machine learning, and cloud computing.
- Worked in a team to deploy and manage cloud infrastructure using GCP services.

Program Kreativitas Mahasiswa (PKM)

Universitas Syiah Kuala

Team Leader

2023

- Led a team to develop the PETA (Pemandu Wisata) website using the Laravel framework.
- Coordinated project tasks, timelines, and team collaboration to ensure project success.
- Advanced the project to the national stage, demonstrating strong leadership and teamwork.

Mobile-Based Programming Laboratory Assistant

Universitas Syiah Kuala

Part-time

2025

- Taught two classes with a total of 80 students.
- Instructed students on developing mobile applications using Java and Kotlin in Android Studio.
- Assisted students in building functional mobile apps as part of their coursework.

PROJECTS

Repflai — AI-powered Flashcard App

Project Link: [Repo](#) · [Live](#)

- Developed an AI-powered flashcard application with spaced repetition and OCR for extracting text from images/PDFs.
- Role: Full-stack Developer, responsible for building the front-end (Next.js, Vercel), back-end (FastAPI, Cloud Run), database (PostgreSQL on Supabase), OCR integration, and OpenAI-powered learning features.

Traveed — Expense Tracker with AI Features

Project Link: [Live](#)

- Built an expense-tracking web app with AI features and premium subscriptions.
- Role: Payment Integration Premium, implemented Paddle checkout, subscription management via webhooks, and feature gating for premium users.

Competitive Programming Training Website

Project Link: [Repo](#)

- Developed a platform to train students in solving DSA/algorithm problems with ranking, problem sets, and admin features.

- Role: Front-end Developer, created pages for profile, ranking, problems, and admin dashboard using Next.js and Tailwind CSS.

Cultivitea — Tea Plant Disease Detection App

Project Link: [Repo](#)

- Developed a mobile app to detect tea plant diseases using ML and provide farmer education content.
- Role: Backend/Cloud Developer, built APIs with Cloud Run, managed storage with Cloud Storage, integrated Firebase Auth, and designed secure system architecture.

Psychology Practice Website

Project Link: [Live](#)

- Developed a website for a psychology practice to provide service info, events, and appointment booking.
- Role: Front-end Developer, built the site with React.js and deployed it with Vercel for public access.

Nepthune — Donation Website

Project Link: [Repo](#)

- Created a platform for users to donate and request donated items.
- Role: Back-end Developer, implemented CRUD operations using Next.js and Firebase.

PETA (Pemandu Wisata) — Tour Guide Booking Website

Project Link: [Repo](#)

- Developed a tour-guide booking platform.
- Role: Front-end Developer, created landing, hotel, guide, login, register, and contact pages with Laravel, MySQL, and Bootstrap.

”Catat Yuk!” — Mobile Note-taking App

Project Link: [Repo](#)

- Built an Android app for creating, editing, and deleting notes.
- Role: Full-stack Developer, implemented CRUD features using Java.

UMKM Website — SME Marketplace

Project Link: [Live](#)

- Created a marketplace website for SMEs to showcase products and integrate WhatsApp ordering.
- Role: Front-end Developer, built product listing and ordering features with React.js and deployed via Vercel.

SKILLS

- **Programming Languages:** Java, C, Python, JavaScript.
- **Web Development:** Node.js, React.js, Next.js, Express.js, Flask, Laravel.
- **Cloud Computing:** Google Cloud Platform (Compute Engine, App Engine, Cloud Run, Google Kubernetes Engine, IAM, VPC, Cloud Storage, Firebase, Cloud Billing).
- **Database Management:** MongoDB, MySQL.
- **Front-end Technologies:** HTML, CSS (Bootstrap, Tailwind).
- **Operating Systems:** Linux.
- **DevOps Tools:** Docker.
- **API Testing:** Postman.
- **Version Control:** Git, GitHub.

EDUCATION

Universitas Syiah Kuala

Bachelor of Science in Informatics (*Cum Laude*)

GPA: 3.85 · Bank Indonesia Scholarship Awardee (2024)

Banda Aceh, Indonesia

2021 – 2025

ORGANIZATIONS

Head of Publication and Socialization at GenBI Komisariat USK and a member of the Google Developer Student Club.

HOBBIES & SOFT SKILLS

Coding, sports, reading books on personal development, technology, and finance, and exploring new things.