Isyraq Awwal Uthorid R.

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Summary

Informatics Engineering student at Hasanuddin University (GPA 3.75/4.00) focused on full-stack web development with JavaScript, TypeScript, React, Next.js and Supabase. Has built and deployed four live web projects, including SemarSight, a smart-city platform that reads public CCTV cameras with computer vision and won 1st place in Software Development at ICONFEST 2026, a national IT competition. Gained hands-on experience in dashboard design, operational data and IT support during an internship at PT Pelindo Jasa Maritim, and joined an international youth program in Kuala Lumpur as a delegate, winning two team awards.

Education

Hasanuddin University — Makassar, South Sulawesi
Bachelor of Informatics Engineering – GPA: 3.75/4.00 — *2024 – Present*

SMA Negeri 17 Makassar — Makassar, South Sulawesi
Science (MIPA) – Final Score: 87.00/100.00 — *2021 – 2024*

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, PHP, SQL, HTML/CSS
Web & App Development: React, Next.js, Tailwind CSS, Flutter
Backend & Databases: Supabase, PostgreSQL, Row-Level Security, Authentication
Maps & Computer Vision: Leaflet, MapLibre GL, OpenStreetMap, OpenCV, YOLO11, OpenAI API
Tools & Platforms: Git, GitHub, Vercel, GitHub Pages
Soft Skills: Communication, Teamwork, Leadership, Presenting, Adaptability, Time Management

Experience

Front End Developer Intern — Jun. 2025 – Jul. 2025
PT Pelindo Jasa Maritim (SPJM), IT Division — *Internship*

- Designed a high-fidelity revenue dashboard for pilotage and towage services at Pantoloan and Toli-Toli ports, refining it against a reference design through to final delivery.
- Entered and converted operational data, including tugboat tank characteristics and pilot attendance records, and pulled vessel service invoices from the Phinnisi system for several ports.
- Created presentation decks on marine service digitalization for the Director of Operations and on system changes after the Pelindo merger.
- Provided IT support by troubleshooting laptops, printers and Wi-Fi access points, setting up workstations, and helping the IT team bring a server back online.

Delegate — Jan. 2026
IYEN × IYX (Indonesian Youth Excursion Network × Indonesian Youth Exchange) — *Kuala Lumpur, Malaysia*

- Took part in innovation and leadership sessions and campus visits to International Islamic University Malaysia and Universiti Malaya.
- Developed and pitched a team project at the SGDS Pitch Competition, winning 2nd Place Best Innovation Project and 3rd Place Best Presentation Project.

CTF Player, Publication and Documentation — Nov. 2024 – Apr. 2025
Informatics Cyber Community (ICC), Hasanuddin University — *Makassar, South Sulawesi*

- Solved cybersecurity challenges in web exploitation, cryptography and forensics, working with team members to plan solutions.
- Served as Zoom operator for international webinars.

Member — Dec. 2024 – Present
Google Developer Group on Campus – Hasanuddin University — *Makassar, South Sulawesi*

- Takes part in members-only study sessions.

Volunteer — Feb. 2026 – Mar. 2026
Engineering Ramadhan Campus

- Helped organize Ramadan activities, including iftar distribution, prayer space preparation, donation coordination and welcoming guests.

Projects

SemarSight: Public CCTV Cameras as City Sensors Oct. 2026
ICONFEST 2026 Software Development, Smart City Theme (Team of 3) – semarsight.vercel.app *1st Place*

- **Tech Stack:** Next.js, TypeScript, Tailwind CSS, Supabase, MapLibre GL, Python, OpenCV, YOLO11, OpenAI API, Vercel
- Built with Tim Sapulidi a platform that turns Semarang's 146 public CCTV cameras into city sensors; a background worker captures a frame from every camera each five minutes.
- Counted vehicles and pedestrians with a locally run YOLO11 model and checked water and trash with AI vision at 20 calibrated locations, raising a water status only after two consecutive checks agree.
- Combined water status, trend, upstream conditions and rain forecasts into an open, weighted risk score shown per district on a 3D map; recorded 141K camera checks, 67K traffic counts and about 3,000 water checks in the first five days.
- Presented and demoed the system live in the final round at Universitas Siliwangi and won 1st place in Software Development.

Nganre: Interactive Map of Local Makassar Eateries Oct. 2026
Personal Project – nganre.vercel.app *Solo*

- **Tech Stack:** Next.js, TypeScript, Tailwind CSS, Supabase (PostgreSQL), Leaflet, MapLibre GL, OpenStreetMap, Vercel
- Built an interactive map of 223 local eateries sourced from OpenStreetMap, excluding franchise chains, with search, category filters, "near me" sorting and a random picker.
- Implemented email and password sign-in and per-user favorites in Supabase protected by row-level security, and deployed the app on Vercel with a daily keep-alive job.

The Cactuss: Dimsum Menu Website 2026
Business Website – GitHub Pages

- **Tech Stack:** HTML, CSS, JavaScript
- Built a menu website for a mentai dimsum seller with two flavors, three portion sizes, prices, and a clear path from the homepage to ordering through a contact form.

Ozeis Cafe: Cafe and Coworking Website 2026
Business Website – GitHub Pages

- **Tech Stack:** HTML, CSS, JavaScript
- Built a one-page site for OZEIS CAFE by PAS CAFE with a categorized, searchable menu, an atmosphere gallery, location and opening hours, and WhatsApp ordering.

Achievements

1st Place – Software Development, ICONFEST 2026 (National IT Competition), Universitas Siliwangi, Tasikmalaya, Oct. 2026
2nd Place – Best Innovation Project, SGDS Pitch Competition, IYEN × IYX, Kuala Lumpur, Jan. 2026
3rd Place – Best Presentation Project, SGDS Pitch Competition, IYEN × IYX, Kuala Lumpur, Jan. 2026

Certifications

Cisco Networking Academy – Data Science Essentials with Python, Nov. 2025
Dicoding Indonesia – Belajar Pemrograman Prosedural dengan Python; Belajar Dasar Data Science; Belajar Dasar Structured Query Language (SQL); Belajar Dasar Visualisasi Data; Belajar Dasar AI; Belajar Penggunaan Generative AI; Prompt Engineering untuk Software Developer, Sep. 2025