

Tasya Nabila Hasanuddin

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Informatics Engineering fresh graduate from Hasanuddin University and Bangkit Academy with expertise in Fullstack Development, Backend Engineering, and Cloud Computing. Experienced in building web-based applications using React and Next.js, developing RESTful APIs, implementing authentication and authorization systems, managing MySQL/PostgreSQL databases, and deploying backend services on Google Cloud Platform.

WORK EXPERIENCE

PT PLN Indonesia Power – UBP Tello

Indonesia

Fullstack Web Developer (Internship)

May 2024 – Aug 2024

- Built and maintained an internal web-based information system (E-DAPEG) used by 68 employees, replacing manual Excel-based workflows.
- Implemented role-based authentication & authorization with a 3 level approval flow (Superadmin, Admin 1, Admin 2) and delivered 3 main modules: Login/Auth, Admin Panel, and User Panel.
- Developed end-to-end features (CRUD, file upload, form management) using PHP, MySQL, and responsive UI (HTML/CSS/Bootstrap), collaborating in a 2 person team while ensuring system control, documentation, and version management using Git and GitHub.

EDUCATION

Hasanuddin University

Indonesia

Informatics Engineering

Aug 2021 – Feb 2026

- Final Project (Thesis): Built a microservices-based Smart Parking system and benchmarked REST vs gRPC using Apache JMeter with 5–25 concurrent users (3 runs each) and 4 video settings (1080p/4K, 30/60fps). gRPC achieved lower latency (428–3,386 ms) vs REST (1,036–7,251 ms) with 0% error rate, while REST showed failures at 15–25 users under heavy payload.
- Coder Institute: Implemented UI from wireframes into responsive static websites/landing pages using HTML, CSS, JavaScript, iterating designs through peer reviews and collaboration.
- GDSC Universitas Hasanuddin: Participated in developer workshops/events and collaborative activities to strengthen problem-solving, teamwork, and technical communication.

Bangkit Academy by Google, GoTo, and Traveloka

Indonesia

Cloud Computing Learning Path

Feb 2024 – Jul 2024

- Completed 965 hours of structured learning across cloud, backend, and professional development with A grades (approx. 92.7–97.5) on completed modules.
- Completed 11+ technical courses in Google Cloud and backend development (Cloud Engineer path, Cloud Foundations, Cloud Run, Associate Cloud Engineer prep).
- Capstone / Final Project (200 hours): Contributed as backend & cloud developer by deploying services on Google App Engine, implementing 7 REST endpoints, and handling database + authentication within a 2-person cloud team.

PROJECTS

E- DAPEG

PLN Internship System

- Collaborated in a 2-person team to developed an internal employee information system with PHP and MySQL including CRUD, file upload, and form management.
- Impact: Adopted by 68 employees, replaced manual Excel workflow, and supported 3-level approvals across key data (employee, family, education, certificates).

Smart Parking

Thesis

- Built a microservices-based system for vehicle detection, license plate OCR, and parking transaction management with REST and gRPC service communication.
- Impact: Performance-tested with 5–25 concurrent users and multiple video configs; gRPC delivered lower latency (428–3,386 ms) vs REST (1,036–7,251 ms) and maintained 0% error rate.

OnExam

Web Exam Platform

- Worked in a team as a Frontend Developer, implementing key exam flows: authentication, timer, auto-submit, question management, auto-grading, and result storage.
- Impact: Tested with 4 students; auto-grading calculates score (%) and stores results to Firestore, with no hard limit on questions per exam in code.

Elixir

E-commerce Web Project

- Worked in a team to build a responsive e-commerce web application; implemented selected frontend pages and reusable components using modern UI practices.
- Impact: Enabled cart and payment simulation flow on implemented sections and improved usability on mobile devices through responsive layout adjustments.

RoseAvenue

Static Landing Page

- Built a 1-page static website from scratch focused on UI/UX presentation.
- Impact: Delivered a clean, responsive landing page emphasizing visual consistency and layout.

CERTIFICATE

Application Development with Cloud Run

- Google Skills | 2024

Build Infrastructure with Terraform on Google Cloud

- Google Skills | 2024

Logging and Monitoring in Google Cloud

- Google Skills | 2024

Google Cloud Computing Foundations: Data, ML, and AI in Google Cloud

- Google Skills | 2024

Elastic Google Cloud Infrastructure: Scaling and Automation

- Google Skills | 2024

Create and Manage Cloud Resources

- Google Skills | 2024

Build and Secure Networks in Google Cloud

- Google Skills | 2024

Getting Started with Google Kubernetes Engine

- Google Skills | 2024

Essential Google Cloud Infrastructure: Core Services

- Google Skills | 2024

Menjadi Google Cloud Engineer

- Dicoding | 2024 – 2027

OTHER

Technical Skills

- **Backend:** Microservices Architecture, Python, Django, REST API, gRPC, PHP
- **Frontend:** HTML, CSS, Bootstrap, JavaScript, TypeScript, React, Next.js
- **Database:** MySQL, PostgreSQL, Firestore
- **Cloud/Tools:** Google Cloud Platform, Git, GitHub, Postman, Apache JMeter, psutil, Figma

Soft Skills

Analytical thinking, problem-solving, collaboration & teamwork, communication, adaptability, attention to detail.

Languages

Indonesian (Native), English (Professional)