Yogyakarta, Indonesia
ardenhermawan@gmail.com

Arden Hermawan

linkedin.com/in/ardenhermawan
github.com/arden1601

Work Experience

Full Stack Developer (Contract)   **West Bali National Park**   **Jan – March 2026**

Remote, Indonesia

West Bali National Park is a conservation area at Bali Island. They do a patrol observation to obtain data of all activity that involve conservation areas.

- Make a SMARTPatrol web application to visualize and present spatial data along with the patrol observation attribute.
- Used by 50+ rangers across the bali barat conservation areas.

Frontend & AI Developer (Internship)   **Bank Indonesia**   **Jan - March 2025**

Jakarta, Indonesia

- Developed an AI model Face Recognition for authentication.
- Create frontend for single-sign on page for authentication using NextJS.
- Integrating NextJS as frontend, Java Spring boot as backend, and Docker for deployed model.

Fullstack Developer (Contract)   **Bengkel Inovasi**   **Oct – Dec 2024**

Yogyakarta, Indonesia

Bengkel Inovasi is a software house and electronics solution that designs and develops web apps, mobile apps, and embedded systems.

- Developed and maintained user-friendly web applications using Next.js frameworks.
- Create a backend server that can generate supply-chain diagrams by user input.
- Differentiate user's input by the roles (there's 7 roles).

Fullstack Developer (Freelance)   **ArachnoVa**   **May 2024 - Dec 2025**

Yogyakarta, Indonesia

Arachnova is a startup that provides web development services.

- Built management system for Engineering Sports Event (Teknisiade)
- Built company profile for several clients

Vision Programmer (Contract)   **GMRT**   **Nov 2022 - Nov 2023**

Yogyakarta, Indonesia

Gadjah Mada Robotics Team (GMRT) is a robotics club that designs and develops robots with many categories.

- Developed an object detection system for humanoid robots using OpenCV and YOLOv5, and implemented it in the ROS environment.

Education and Certifications

- **S.T. (Sarjana Teknik) Information Technology,** Universitas Gadjah Mada, Indonesia.   **2022–2026**

Technologies and Languages

- Languages: Typescript, Go, Python, PHP, C++, C#, Solidity, Astro, Svelte
- Technologies: MySQL, Postgres, MongoDB, Git, NextJS, Vue, Laravel, Tanstack, FastAPI, Django, Docker, Foundry, Hardhat, Azure
- Other: ETL Pipeline, ROS, YOLO, Tensorflow, PyTorch

Projects & Achievements

- Web for Karampuang Island that integrated with CMS (2025)
- All-Terrain Robot for Increased Watering Effectiveness (2025)
- Single Sign-On Authentication using Face Recognition for Bank Indonesia Auth System (2025)
- Personalized Courses Maker using Vertex AI and Youtube API (2024)
- To-do-List App with Advanced CRUD and Authentication using ExpressJs and NextJS (2024)
- Instrument Classification using ANN Model (2024)
- Traffic Modelling using PyGame (2024)
- Telemedicine App using NextJS and OpenAI API (2024)
- Integrate sensor data Arduino using Node-Red and MongoDB (2024)
- **Finalist** of Innovation System GENETIC Competition (2024)
- **1st Runner up** on COMPFEST AI Innovation Competition by Universitas Indonesia (2024)