

ALDWIN HARDI SWASTIA

Software Engineer

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EDUCATION

Bandung Institute of Technology (August 2020 - present)

Bachelor of Informatics - GPA 3.51

Bangkit Academy 2023 Cohort - Cloud Computing Path (August 2023 – January 2024)

- Bangkit is an **educational program** led by **Google** with support from **GoTo, Traveloka**, and **Deep Tech Foundation**. I took on the **cloud computing** path, learning about cloud computing services, specifically using **GCP (Google Cloud Platform)**.
- Achievement: Graduated with Distinction (Top 10%)

Programming Fundamentals Assistant (January 2023 – June 2023)

EXPERIENCE

PT Bank Digital BCA (BCA Digital) – Jakarta, Indonesia

The digital bank of Bank Central Asia, the largest bank in Indonesia.

Backend Developer Intern (June 2023 – Desember 2023)

- Worked with more than 20+ people from **various teams**, ranging from **Product, Frontend Developer, Backend Developer, and Middleware**.
- **Recreated an application** to support **reconciliation process for partner**. Previously, the **existing application** was **not maintainable** and was making **wrong calculations**. In this project, I remade the application resulting in **30% lesser code length** and **20% faster in calculations**. This impacted the **reconciliation team by not** having to **recalculate** the resulting journal.
- **Made a Reconciliation System Prototype** for the new **GIRO account type**.
- **Engineered a new mission system** for **transactions, linkage, and actions** in the loyalty program. The new system allowed missions to be set as **multiple actions** instead of single transaction and added **voucher rewards**.

Pragma Informatika – Bandung, Indonesia

A technology company specializing in the creation of web and mobile applications.

Fullstack Developer (Jan 2023 - May 2023)

- Worked on 5 **web projects** using **Laravel and MySQL** in a team consisting of 3-4 people in each project and in an **agile oriented work environment**.
- **Maintained software** by adjusting features to fit client's needs such as new **designs, logic**, and **added features**.

PROJECTS

InterviewIN – Bangkit 2023 Batch 2 Product Capstone Project

A **Job Matchmaking Platform** that utilizes **machine learning** to do **automated interview sessions** as an added selection process. My responsibilities included **designing system architecture, building back-end API**, and **deployment** of the applications including the **CI/CD** to ensure seamless development and deployment.

Tech Stack: NodeJS (Fastify), Flask, PostgreSQL, Google App Engine, Google Compute Engine, Github Action

Word Factory

An **Educational Word Spelling Game** for children. Main responsibilities included implementing **front end** and **back end** for the **admin dashboard**.

Tech Stack: NodeJS (Express.js), Flask, PostgreSQL, Google App Engine, Google Compute Engine

Interior Design Portfolio Website

A **Portfolio Website** for an interior design company with **built-in file crawler** and **reader** for easy **portfolio management**. Main responsibilities included implementing **back end** for **file crawling** and **description reader**.

Tech Stack: NodeJS (Express.js)

SKILLS

Programming Languages — Java, JavaScript, SQL, Python, C, C++, C#, Haskell etc.

Skills — Object-Oriented Programming, Web Development, Data Structure, Project Management

Tools & Stack — Git, Linux (Ubuntu), Postman, Spring Framework, Node.js, ReactJs, Express.js, Fastify, Google Cloud Platform etc.

Interests — Web Development, Software Engineering, Physics, Photography, Badminton, Video Games

