

# Aldowad Alles Sandro Hamonangan Simanjuntak

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Website : <https://aldowad.my.canva.site/portofolio>

Github : <https://github.com/AldowadSimanjuntak>

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## PROFILE

I am a recent graduate from Universitas Prima Indonesia with a degree in Information Systems. I have actively pursued my interest by participating in training and courses focused on cloud technologies and Backend Development. This has equipped me with a fundamentally understanding of cloud infrastructure, web development, networking, and database management. My goal is to continuously grow and expand my knowledge within the realm of technology. I am committed to staying updated with the latest advancements in the field , ensuring that I remain at the forefront of technological innovation.

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## EDUCATION

### UNIVERSITAS PRIMA INDONESIA

Faculty of Science and Technology

majoried in Information Systems (GPA): 3.84 out of 4.00

- Award : Cum Laude

#### Activities & Scholarship :

Talent Scouting Academy of Oracle Cloud Infrastructure Foundation  
Scholarship Student of Program Indonesia Cyber Education Institute

Medan, Indonesia

2019 - 2023

Remote | Jakarta, Indonesia

March 2023 - Jul 2023

Jan 2022 - Jul 2022

### SMA METHODIST 1 Medan

Senior High School

Medan, Indonesia

2017-2019

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## WORK EXPERIENCE

### Backend Developer - Contract

Ministry of Communication and Information Technology Medan

January 2023 - April 2025

On-site | Medan, Indonesia

- Developed new features and APIs using JavaScript and TypeScript to support client-side and server-side functionality.
- Monitored and optimized system performance to ensure application scalability, reliability, and security.
- Conducted code reviews and contributed to the development of responsive, user-friendly websites for clients.
- Collaborated with cross-functional teams (designers, product managers, QA) to implement efficient solutions for data processing, storage, and retrieval.
- Ensured best practices in software development, including version control, modular architecture, and test coverage.

### BTPN Syariah

FullStack Developer - Project based Internship

Remote | Jakarta, Indonesia

October 2023

- Developed a personalized profile picture feature for a banking app.
- Created a secure API with user authentication and database integration with PostgreSQL.
- Implemented user-friendly API endpoints for enhanced user experiences.
- Integrated middleware and JSON tokens to enhance user security with GoLang

### Jubelio

Quality Assurance Engineer - Project based Internship

Remote | Jakarta, Indonesia

September 2023

- Developed test cases for Jubelio e-commerce platform user login, and non-variant product additions.
- Conducted API testing with Postman on Login, Product Price, Upload, and Delete endpoints.
- Implemented negative scenarios to enhance system robustness and security.
- Maintained detailed test case documentation.

### Kalbe Nutritionals (PT Sanghiang Perkasa)

Database Administrator - Project based Internship

Remote | Jakarta, Indonesia

August 2023

- Created an Entity-Relationship Diagram (ERD) for data modeling.
- Designed and optimized PostgreSQL database for enhanced performance.
- Developed custom SQL queries for data analysis and tracking with Dbeaver.
- Implemented user account management with restricted access for secure data manipulation.

## Secretariat of the Regional Representative Council (DPRD) of North Sumatra

On-Site | Medan, Indonesia

### Junior Software Developer - Internship

January 2022- March 2022

- Developed a web-based inventory management app for the Secretariat of DPRD Sumatera Utara.
- Implemented data processing features to manage incoming and outgoing transactions
- Implemented the database structure utilizing MySQL and PHP MyAdmin.
- Designed application workflow and established data processing features for transaction management

## PROFESSIONAL TRAINING

### Fresh Graduate Academy - Backend Engineering

September 2023 - Presents

by Ministry of Communication and Information Technology in Indonesia

I participated in this program through the Digitalents selection process . This comprehensive bootcamp equipped me with the essential skills and also providing in-depth knowledge and best practices in Back End development :

- Proficient in JavaScript
- Database Management and Design
- API Development and Documentation
- Authentication Implementation and Deployment (CI/CD)

### Cloud Computing Cohort - Google Cloud Engineer

August 2023 - Presents

by Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

Bangkit is a career readiness program that aims to produce high-caliber technical talent for world-class Indonesian technology companies and startups, fully supported by Google, GoTo, and Traveloka. I learn the fundamentals of cloud computing to deploy applications, monitor operations, and manage enterprise solutions with these specializations:

- Web, API, & Back-end
- Google Cloud Computing Foundations
- Google Cloud Skills Boost
- Architecting with Google Compute Engine

### Talent Scouting Academy - Oracle Cloud Infrastructure Foundation

March 2023 - July 2023

**Digitalent Scholarship** by Ministry of Communication and Information Technology in Indonesia

I was awarded a scholarship to this training topics fundamentals of Oracle Cloud Infrastructure with these specializations:

- Proficient in Oracle Cloud Infrastructure (OCI) management and data migration expertise.
- Strong knowledge of OCI components, including networking, storage, and databases.
- Skilled in management and security for efficient cloud-based solutions.
- Capable of implementing best practices for cloud service management.

At the end of program, I am entitled to receive a scholarship to pursue the internationally recognized Oracle Cloud Infrastructure 2023 Certified Foundations Associate certification.

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## SKILLS & INTEREST

**Skills :** Javascript | Python | SQL | Node JS | Express JS | PostgreSQL | Mongo DB | Oracle PL SQL | REST APIs  
Business Intelligence | Oracle Cloud Infrastructure | Google Cloud Infrastructure

**Interest :** Cloud Developer | Backend Developer | Cloud Solutions Architect | Cloud Devops

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## PROJECTS

### Creating API Endpoints with Personalized Profile Picture Feature

October 2023

**Github :** [Click here](#)

Using REST APIs, GoLang, PostgreSQL , JSON Web Tokens, Git & Github

### Testing Quality Assurance of Fundamental Jubelio Application

September 2023

**Github :** [Click here](#)

Using REST APIs, Javascript, Postman , Git & Github

### Database Design, Implementation, Monitoring, Reporting, and Alerting for DBA Test

August 2023

**Github :** [Click here](#)

Using Git, Github, SQL , PostgreSQL and Dbeaver

### Statistical Analysis and Prediction of Country Population Growth using Linear Regression Method with Oracle Cloud

March 2023 - July 2023

**Github :** [Click here](#)

Using Oracle Cloud Infrastructure, Oracle SQL Developer , Oracle Machine Learning, Python and SQL

## ACHIEVEMENT & CERTIFICATIONS

- **1st Place Award for Outstanding Participation and High-Quality Project Delivery** Jul 2023  
Issued by Mentor of Program TSA Oracle Cloud Infrastructure Foundation
- Badge of Oracle Certified Infrastructure 2023 Certified Devops Professional** [Credential](#) Issued November 2023  
**Certificate Oracle Infrastructure 2023 Devops Professional** [Credential](#)
- Badge of Certificate Oracle Cloud Data Management 2023 Certified Foundations** [Credential](#) Issued November 2023  
**Certificate Oracle Cloud Data Management 2023 Certified Foundations** [Credential](#)
- Badge of Oracle Certified Infrastructure 2023 Foundations Associate** [Credential](#)  
**Certificate Oracle Infrastructure 2023 Foundations Associate** [Credential](#) Issued June 2023  
**Certificate OracleCloud Infrastructure I** [Credential](#)  
**Certificate OracleCloud Infrastructure II** [Credential](#)  
by Oracle
- Certification Oracle Cloud Infrastructure Foundation** [Credential](#) Issued June 2023  
by Ministry of Communication and Information Technology in Indonesia
- Oracle Cloud Infrastructure Foundation** [Credential](#) Issued July 2023  
by Digitalents
- Certificate of Competencies - Database Administrator Project-based Internship** [Credential](#) Issued September 2023  
by Kalbe Nutritionals (PT Sanghiang Perkasa)
- Certificate of Completion - Quality Assurance Engineer Project-based Internship** [Credential](#) Issued October 2023  
by Jubelio
- Certificate of Completion - Fullstack Developer Project-based Internship** [Credential](#) Issued November 2023  
by BTPN Syariah
- Certificate in Business Intelligence Associate** [Credential](#) Issued February 2023  
by Logical Operations
- Learning the Basics of DevOps** [Credential](#) Issued March 2023
- Learning Computer Networking for Beginners** [Credential](#) Issued May 2023
- Introduction to Programming Logic (Programming Logic 101)** [Credential](#) Issued August 2023
- Getting Started with the Basics of Programming to Become a Software Developer** [Credential](#) Issued August 2023
- Learning the Basics of Project Management** [Credential](#) Issued August 2023
- Learning the Basics of Git with Github** [Credential](#) Issued August 2023
- Learning the Basics of Structured Query Language (SQL)** [Credential](#) Issued September 2023
- Learning the Basics of JavaScript Programming** [Credential](#) Issued September 2023
- Learning the Basics of Web Programming** [Credential](#) Issued September 2023
- Learning to Create Back-End Applications for Beginners with Google Cloud** [Credential](#) Issued October 2023
- Becoming Google Cloud Engineer** [Credential](#) Issued November 2023  
by Dicoding Indonesia