

ALBERT

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EDUCATION

Bachelor of Science – Telecommunication Engineering Institut Teknologi Bandung GPA: 3.67 / 4.00 (148 credits)	<i>Aug 2021 – Jul 2025</i>
Thesis: Joint Optimization of Beacon Rate and Transmission Power for Vehicle-to Vehicle (V2V) Communication in Highway Line-of Sight (LOS) Scenario using Deep Reinforcement Learning.	
Organizations: ITB Telecom. Student Association (IMT "Signum" ITB), ITB Robotics Club, ITB Buddhis Student Association (KMB "Dhammanano ITB)	
Achievement: ZTE Indonesia Scholarship Awardee (2023).	

WORK EXPERIENCE

Service Delivery Engineer Intern PT. ZTE Indonesia - Jakarta	<i>Jul 2024 – Oct 2024</i>
<ul style="list-style-type: none">Executed Level 2 (Visual) & Level 3 (Functional) commissioning for Data Center Building Management System (BMS), ensuring system readiness in collaboration with consultant teams.Resolved critical connectivity issues by configuring network switches (CLI), implementing VLAN segmentation, PoE, and security ACLs for the BMS/CCTV network.Troubleshoot and verified Modbus-to-BACnet IP protocol integration, using Modbus Poll to validate data flow from field devices to the BMS server.	

PROJECTS

PowerBill: AI-Powered Invoice Management System 	<i>Oct 2025 – Nov 2025</i>
<u>Personal Project MongoDB + Express.js + ReactJS + Node.js + Gemini API</u> <ul style="list-style-type: none">Built an AI-powered invoice system using MERN stack and Google Gemini API, enabling automated parsing of unstructured text into structured data and generating smart financial insights.Designed a secure React dashboard with JWT authentication, streamlining billing workflows with real-time invoice tracking and AI-drafted payment reminders.	

Egglyze: Egg Quality Classification System Based on Shell Analysis 	<i>Oct 2024 – Dec 2024</i>
<u>Bangkit Academy Capstone Project Google Compute Engine + Cloud Firestore + Python (Flask)</u> <ul style="list-style-type: none">Architected a scalable backend REST API using Python (Flask) deployed on Google Compute Engine, serving as the core interface for image processing requests.Implemented real-time data persistence by integrating Google Cloud Firestore, enabling efficient storage and retrieval of egg quality analysis results for the client application.	

SKILLS

Technical: Javascript/TypeScript, ReactJS, Node.js/Express.js, Python, Flask, FastAPI, MongoDB, PostgreSQL, MySQL, Supabase, Vercel, Render, Git, GitHub Actions, Jenkins, Terraform (IaC), AWS, GCP, Alibaba Cloud, Oracle Cloud Infrastructure (OCI), and Huawei Cloud.

Languages: English (Intermediate), Indonesian (Native), Mandarin Simplified (HSK5/TOCFL-B2)

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Multicloud Certified Professional – Oct 2025

Google Cloud Certified - Associate Cloud Engineer – May 2025

Alibaba Cloud Certified Associate (Cloud, Big Data, DB) – Feb, May, Aug 2024

Huawei Certified ICT Associate – Cloud Service – Dec 2023