

# ALBERT

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## EDUCATION

<b>Bachelor of Science – Telecommunication Engineering</b> <b>Institut Teknologi Bandung   GPA: 3.67 / 4.00 (148 credits)</b>	<i>Aug 2021 – Jul 2025</i>
<b>Thesis:</b> 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.	
<b>Achievement:</b> ZTE Indonesia Scholarship Awardee (2023).	

## WORK EXPERIENCE

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

## PROJECTS

<b>Egglyze: Egg Quality Classification System Based on Shell Analysis</b>	<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"><li>Designed and deployed a reliable real-time egg quality prediction system architecture by integrating a Flask-based ML backend on Google Compute Engine with Firestore data handling, validated through Postman API testing.</li></ul>	

<b>Global E-Commerce Cloud Architecture (GCP)</b>	<i>May 2024 – Jun 2024</i>
<u>Personal Project   Global HTTP(S) Load Balancer + Managed Instance Groups (MIGs) + Cloud Monitoring</u>	
<ul style="list-style-type: none"><li>Designed and implemented a multi-region GCP architecture with auto-scaling, maintaining stability during load testing despite CPU utilization spikes exceeding 200% and a peak system load of only 1.2.</li></ul>	

## SKILLS

<b>Technical:</b> Javascript/TypeScript, ReactJS, Node.js/Express.js, Python, C++, Flask, FastAPI, Terraform, Jenkins, PostgreSQL, MySQL, Git, GitHub Actions, Amazon Web Services (AWS), Google Cloud Platform (GCP), Alibaba Cloud, Oracle Cloud Infrastructure (OCI), and Huawei Cloud.
<b>Languages:</b> English (Intermediate), Indonesian (Native), Mandarin Simplified (HSK5/TOCFL-B2)

## CERTIFICATIONS

<b>Oracle Cloud Infrastructure 2025 Multicloud Certified Professional</b> – <i>Oct 2025</i>
<b>Google Cloud Certified - Associate Cloud Engineer</b> – <i>May 2025</i>
<b>Alibaba Cloud Certified Associate (Cloud, Big Data, DB)</b> – <i>Feb, May, Aug 2024</i>
<b>Huawei Certified ICT Associate – Cloud Service</b> – <i>Dec 2023</i>