

Royan Sabila Rosyad Wahyudi

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Final-year Informatics Engineering student with a strong foundation in cloud computing, data engineering, and database management. Experienced in utilizing Google Cloud services, including BigQuery, Cloud Run, and App Engine, to build scalable data-driven applications. Proficient in SQL query optimization, Python scripting, and data processing. Passionate about cloud-based data solutions, AI/ML, and ETL pipeline development. Seeking an opportunity as a Junior Cloud Data Engineer to contribute and grow in a dynamic environment.

Education

Universitas Islam Negeri Syarif Hidayatullah Jakarta - Indonesia <i>Informatics Engineering, 3.82/4.00 (Final Year)</i>	2021 – Expected Aug 2025
<ul style="list-style-type: none">Relevant Coursework : Data Structures and Algorithms, Artificial Intelligence, Database Managements, Web Development and Design, Software Project ManagementHonors : Distinction Graduate Bangkit Academy 2024 Batch 2 – Cloud Computing	

Work Experience

Backend Engineer – Kementrian Agama Republik Indonesia <i>Internship</i>	Nov 2024 – Feb 2025
<ul style="list-style-type: none">Building web-based room management system using Laravel Filament to simplify room management and scheduling efficiencyApplied Dockerization concepts to optimize deployment and scalability within the project scopeDeployed a web-based room management system using Cloud Run with Cloud SQL integration	
Cloud Engineer – Bangkit Academy <i>Internship</i>	Sep 2024 – Jan 2025
<ul style="list-style-type: none">Learn BigQuery for large-scale data processing and optimized SQL queries to enhance performanceWorked with Cloud Run, App Engine, and other Google Cloud tools for scalable deployments	
Database Administrator – Remote <i>Freelance</i>	Mar 2024 – July 2024
<ul style="list-style-type: none">Designed, developed, and managed full-cycle database systems using SSMS and Visual ParadigmGathered client needs to propose and design client-focused database architecture and ERD	

Projects

Apps : Eztrip (Capstone Project)
<ul style="list-style-type: none">Built RESTful APIs using Flask to support app-based functionalities, including server-model architecture, data handling, and API gateway for efficient request managementDeployed backend services using Cloud Run with Cloud SQL for database management.Utilized Cloud Storage for handling user-generated media files.
Website : E-Pustaka Perpus UIN
<ul style="list-style-type: none">Built a library management system with multiple user roles (Admin, Leader, Operator, and Member)Designed system architecture and workflows to streamline book lending and catalog managementImplemented an autonomous database on Oracle Cloud to ensure data integrity

Honor and Awards

Social Trust Funds (STF) Full Scholarship
<ul style="list-style-type: none">Awarded a merit-based scholarship covering one semester's tuition fees, renewable based on academic performance and continued involvement in non-academic achievements and volunteer activities

Skills

Languages: Indonesia (Native), English (Working Proficiency)
Software: (Proficient) : Python, SQL, Javascript, PHP, Excel. (Familiar) : HTML, CSS
Cloud Platforms: Google Cloud (BigQuery, Cloud Run, App Engine, Cloud Functions), Oracle Cloud, Looker Studio
Project Management Tools : (Proficient) : Notion, Trello
Interpersonal: Communicative, Teamwork, Collaborative, Problem Solving