

Catatan: Project 01 & 02 yang dilampirkan disini menggunakan service Google Cloud Run freetrial 300\$ 90 days. Website akan di shutdown sebelum tanggal 11 Agustus 2026 untuk menghindari tagihan.

☰ Cloud Assist Preview ⋮ ✕

Gemini can make mistakes. Double check responses, and [use code with caution](#).

tolong cari tau, kapan aku ngaktifin 300usd free trial GCP credit, biar aku bisa menghitung durasi 90 days trialnya habis tanggal berapa

◆ Show thinking ▼

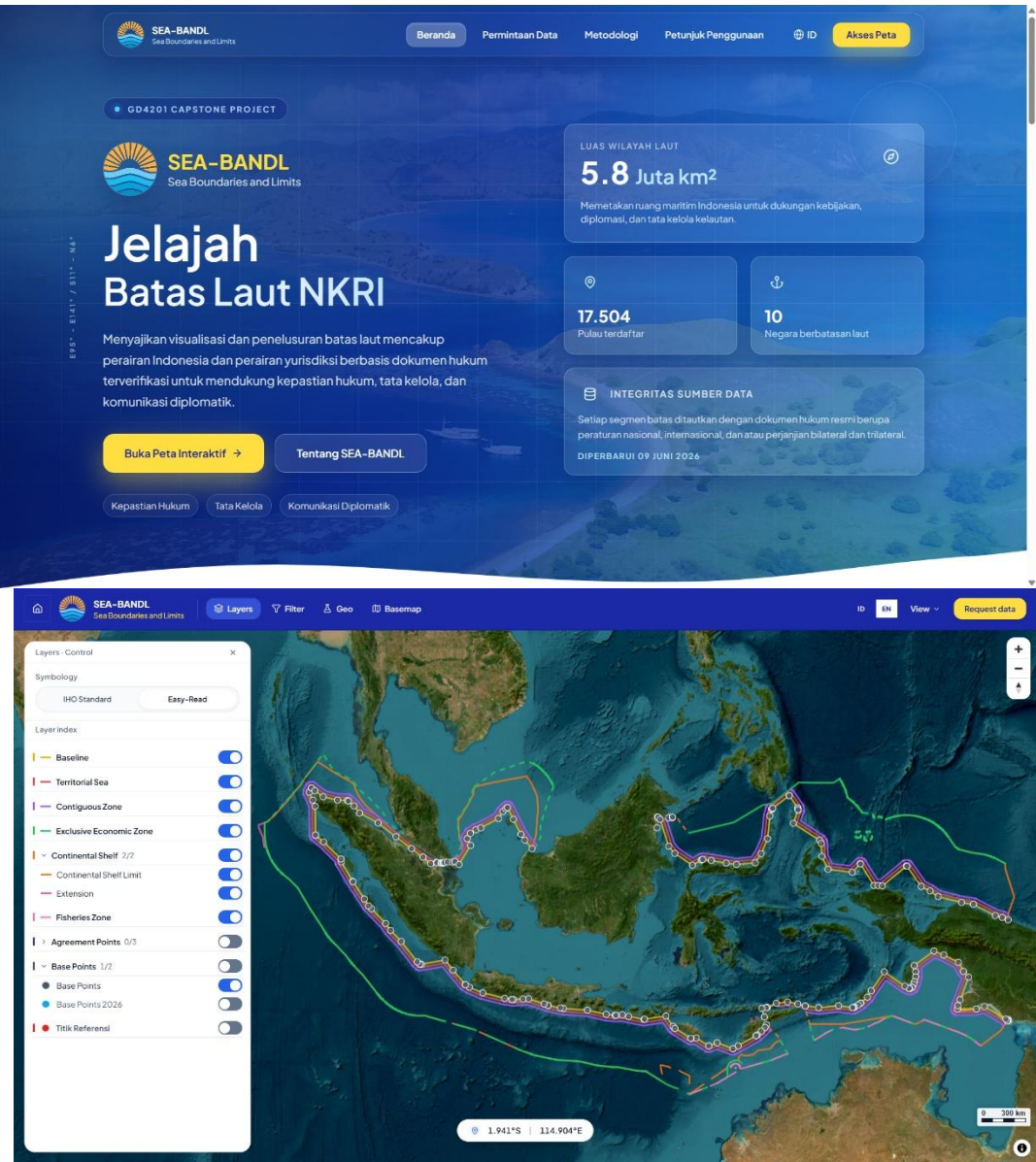
Berdasarkan informasi akun Anda, berikut adalah rincian penting mengenai masa aktif dan tanggal kedaluwarsa kredit uji coba gratis (*Free Trial*) Anda:

- Tanggal Aktivasi: 12 Mei 2026
- Tanggal Upgrade ke Akun Berbayar: 1 Juni 2026
- Tanggal Kedaluwarsa (Akhir 90 Hari): 11 Agustus 2026

Saat ini, Anda memiliki sisa kredit sebesar Rp 1.472.893 yang tetap dapat digunakan hingga batas tanggal kedaluwarsa di atas. Anda dapat terus memantau rincian saldo dan penggunaan kredit ini secara langsung di Konsol Google Cloud pada menu **Billing > Credits**.

Project 01 (<https://seabandl.app/>)

National Maritime Boundary Information System (Capstone Project)



Project Snapshot

Role	Lead WebGIS Developer
Team	5 Members
Dataset	120,000+ Maritime Boundary Records
Category	WebGIS & Spatial Database

Context

Indonesia's maritime boundary information required structured, international standard compliance (UNCLOS & IHO S-121) to facilitate internal institutional coordination, public dissemination, and official publication needs for international

recognition. Existing datasets were fragmented across non-standardized spatial archives.

My Role

Contributed to designing the national maritime spatial database schema and built the full-stack WebGIS platform for maritime boundary information management.

Key Features

Spatial Database; Interactive WebGIS; Standardized Data Model; Cloud Database Integration

Technologies

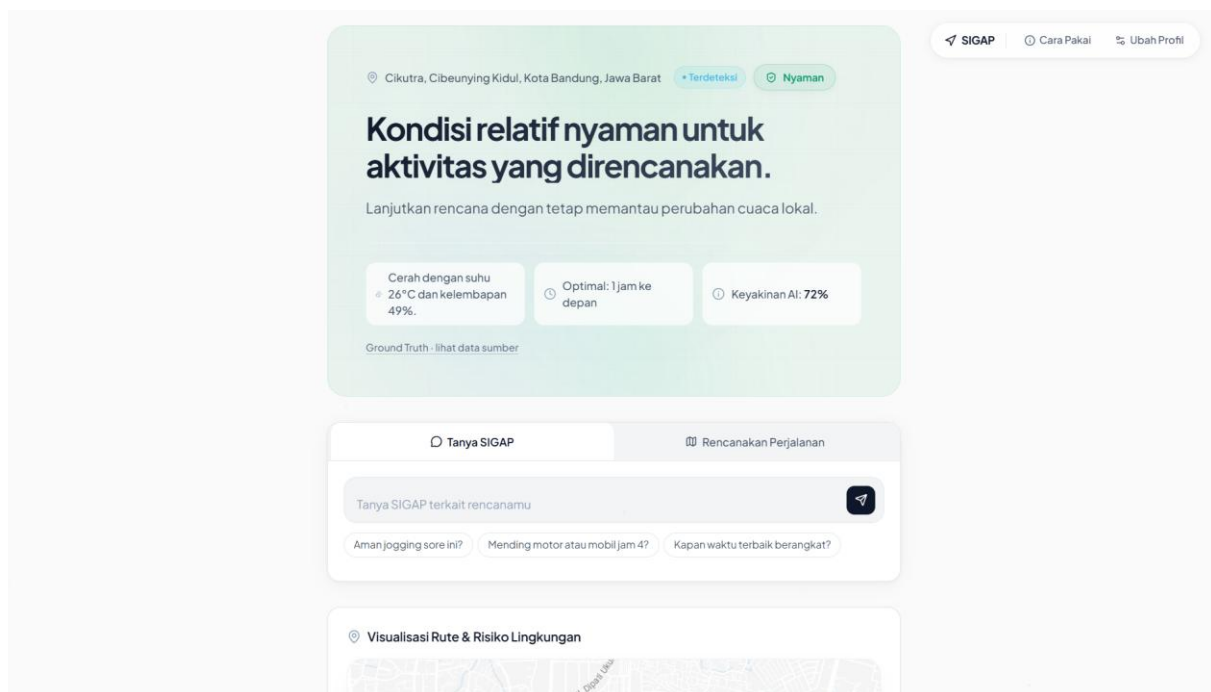
React.js, MapLibreGL, PostgreSQL/PostGIS, Google Cloud SQL

Result

Managed more than 120,000 spatial records; improved accessibility of maritime spatial information through a web platform; applied international spatial data standards during implementation.

Project 02 (<https://sigap-web-266852196712.asia-southeast2.run.app/>)

SIGAP (Smart Intelligence Guide for Activity Planning) (National Hackathon Project)



Project Snapshot

Role

Solo Developer

Competition	"Juara Vibe Coding" National Hackathon (Google Cloud Community Indonesia)
Duration	May 2026
Category	AI Decision Support System

Context

Urban information such as weather, flood warnings, traffic, and air quality is often scattered across multiple platforms.

My Role

Developed an integrated platform that combines multiple data sources into a single location-based recommendation workflow.

Key Features

Multi-source API Integration; AI-assisted Recommendation; Interactive Map; Decision Dashboard

Technologies

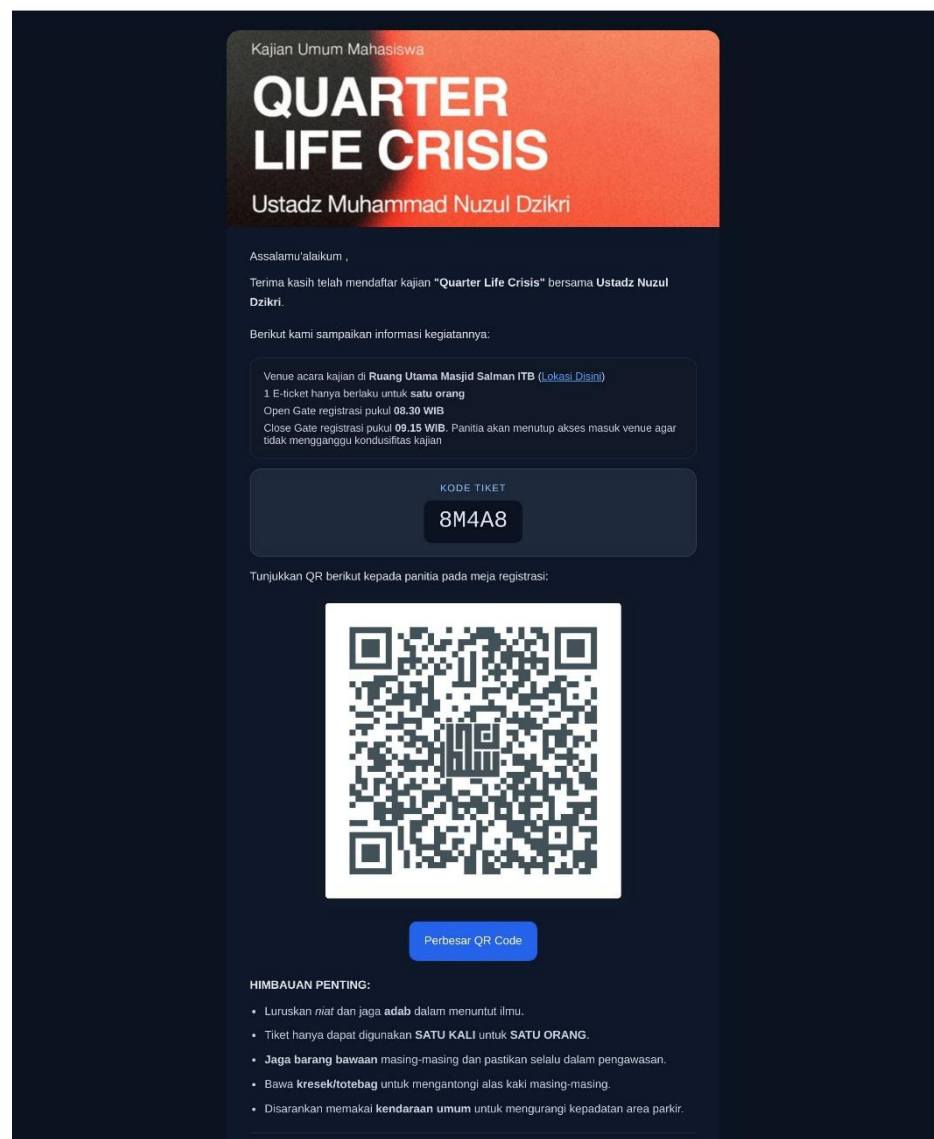
Next.js, Node.js, Gemini API, Google Maps Platform APIs, Google Cloud Platform (GCP)

Result

Integrated multiple information sources into one interface; simplified access to location-based information; built a functional prototype within the hackathon timeframe.

Project 03 (web closed)

Event Registration & Ticketing Automation System (Masjid Salman ITB)



Project Snapshot	
Role	System Developer
Organization	Masjid Salman ITB
Status	Implemented
Users	Event Committee & Participants
Category	Event Operations
Context	
Large Islamic lectures often involved hundreds of participants. Manual registration and attendance verification slowed down admission and made participant tracking difficult.	

My Role

Designed and implemented a complete digital registration workflow, from participant registration to QR-based admission verification.

Key Features

Online Registration; Automatic Email Confirmation; Unique QR Code Generation; QR Code Validation; Attendance Recording

Technologies

Python, Vanilla.js, Google Apps Script, D1 SQLite Cloudflare, Firebase, SMTP Gmail

Result

Simplified participant verification during event admission; reduced manual administrative work for committee members; helped organizers manage participant attendance through a centralized digital workflow.

Dormitory Performance Tracking Platform (ITB Salman Dormitory)



Context

Resident evaluations were conducted manually, making progress tracking and reporting time-consuming for facilitators.

My Role

Developed a centralized web application to digitize resident evaluations and support structured monitoring.

Key Features

Role-Based Access; Digital Evaluation Forms; Progress Dashboard; Ranking Summary; Centralized Database

Technologies

React.js, Cloudflare Pages Workers KV, Google Apps Script, Google Spreadsheet (CMS)

Result

Centralized resident evaluation records; improved reporting consistency; enabled facilitators to monitor progress through a single platform.
