

Marcelio Desendra Adivio

Bekasi, Indonesia | 3 December 2000

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SUMMARY

AI Data Contributor and Developer with experience in Indonesian audio transcription, voice data collection, multi-speaker labeling, and RLHF data validation. Experienced in Python development, API integration, structured text processing, and cloud deployment. Maintained a 96%+ quality rating across complex data validation tasks and developed and deployed a virtual financial literacy platform integrating the Google Gemini API on Google Cloud Run.

EXPERIENCE

Senior Assistant

03/2020 – Present

Laboratorium Informatika Universitas Gunadarma

- Coordinated technical resources and provided direct instructions for 50+ practical lab activities, guiding an average of 30 students per session to foster technical skill development.
- Evaluated performance and processed final grading datasets for over 120 students per semester under tight, time-sensitive administrative deadlines.
- Wrote, edited, and compiled comprehensive laboratory guide modules to provide clear instructional text for students and instructors.
- Maintained laboratory servers and workstations, troubleshooting file systems and technical issues to ensure continuous operational uptime.

Conversational AI Data Contributor

07/2025 – 10/2025

Lingo Tribe

- Generated 70+ hours of proprietary Indonesian audio data through peer-to-peer dialogues, helping to train and improve the natural conversational capabilities of regional voice AI models.
- Maintained a consistent 96%+ quality rating across 65 tasks involving complex audio-to-text Indonesian transcription, speaker labeling, and data validation.
- Collaborated with diverse native speakers in structured speech sessions ranging from 30 to 60 minutes to accurately capture natural Indonesian speech patterns, overlapping dialogue, and distinct regional nuances.

AI Trainer

03/2025 – 09/2025

Outlier

- Contributed to AI model development by generating high-quality dataset inputs and performing quality assurance for RLHF (Reinforcement Learning from Human Feedback) projects.
- Recorded and transcribed native Indonesian audio samples, successfully managing the workflow as both the creative prompter and the text transcriber.
- Promoted to project reviewer, auditing contributor submissions to enforce strict compliance with formatting guidelines and quality standards across over 600 completed tasks.

PROJECTS

Full-Stack Developer

05/2026 – 05/2026

Visual Ledger — Virtual Financial Literacy Platform (#JuaraVibeCoding)

- Designed and engineered a secure virtual credit ledger using simulated currency, with parent-to-child transfers based on a trust-based model rather than real financial transactions.
- Integrated the Google Gemini API via Google AI Studio to build an intelligent “Auto-Audit” feature that processes chore photos and generates confidence scores and descriptions to verify proof-of-work.
- Architected a real-time dual-interface system connecting parents (“Bankers”) and teenagers (“Questers”), with a custom 1:1 matching engine for collaborative family savings goals.
- Containerized and deployed the complete web application to Google Cloud Run for serverless hosting.
- Produced and published a public 5-minute technical video walkthrough demonstrating the system architecture, data workflows, and core functionality.

Student Developer

09/2021 – 12/2021

Implementation of a Wikipedia Article Search Bot on Discord Application

- Redeveloped an open-source Wikipedia search bot, restructuring the code base to improve query response speed and interface layout.

- Integrated the Wikipedia API using Python text-processing libraries to efficiently parse and extract structured article summaries from raw data.
- Connected the Discord API using the Discord.py framework, configuring parameters, application permissions, and secure token management via the Developer Portal.
- Implemented native Python data structures and robust error-handling to ensure runtime stability during missing or malformed queries.

EDUCATION

Informatics Engineering — Bachelor's degree 09/2018 – 08/2022
Universitas Gunadarma

CERTIFICATES

#JuaraVibeCoding Participant 05/2026
Google Developer Groups

- Earned a Certificate of Completion for the Vibe Coding Study Jam (#JuaraVibeCoding) by Google Developer Groups. Developed, successfully deployed, and hosted an application on Cloud Run. Also created a public video demonstration showcasing the application's functionality and architecture.

Building Website using HTML5 12/2021
Universitas Gunadarma

- Coursework covering semantic structuring, multimedia integration, interactive Canvas API rendering, and end-to-end basic website deployment.

Fundamental DBMS 02/2019
Universitas Gunadarma

- Coursework covering Relational Database concepts, DDL/DML execution, and multi-platform syntax across MySQL, SQL Server, and Oracle databases.

TECHNICAL SKILLS

- **Web Development:** HTML, CSS, JavaScript
- **Programming:** Python
- **AI:** Generative AI, Prompt Engineering
- **Cloud:** Google Cloud Run
- **Productivity:** LibreOffice, Google Workspace
- **Video Editing:** Kdenlive

LANGUAGES

- Indonesian — Native
- English — Fluent