Muhammad Daffa Raihan

Indonesia, ID | P: +62 851 7436 9313 | daffaraihan2004.work@gmail.com | linkedin.com/in/dapdap | daffaraihan.vercel.app

Professional Summary

Undergraduate Informatics student at the Islamic University of Indonesia with a passion for back-end web development and mobile development. Proficient in Node.js and Golang for back-end development and Flutter and Jetpack Compose for mobile development. Experienced in designing RESTful APIs, creating efficient database architectures, and optimizing application performance. Recognized for determination, collaborative mindset, and eagerness to learn and grow. Thrives in team environments and seeks opportunities to enhance skills and share knowledge. Dedicated to continuous improvement and possesses excellent interpersonal skills. Confident in making a meaningful contribution to your team.

Experience

Bakulen
Full Stack Mobile Developer & Web Developer   Jan 2025 - Present

- Built databases and schema structures No SQL for android applications.
- Developed RESTful APIs that facilitated seamless data exchange between clients and servers in a distributed environment.
- Integrated third-party APIs from external applications into android platforms.
- Developed server-side logic in Golang.
- Built flexible, reusable code and libraries for future use.
- Coded using Flutter to develop features for mobile application and using Next JS to develop on web application

KeepUp
Backend Developer   Aug 2024 - Present

- Developed a REST API for Mental Health Screening Surveys (Anxiety, Depression, Stress) for Students at Universitas Islam Indonesia
- Technologies used like OpenAI, NestJS, PostgreSQL, Redis, Railway
- Designed the database structure
- Created APIs for admin to create, update, and delete questionnaires and questions
- Implemented authentication and authorization APIs
- Developed APIs for users to take quizzes
- Built APIs for generating reports with PDF and Excel outputs
- Integrated OpenAI to generate comprehensive reports

Fakultas Teknologi Industri
Assistant Laboratory on Informatics   Sep 2023 - Present

- I provided assistance to junior students in several courses, including:
- Programming Logic
- Application Development Fundamentals
- Web-Based Application Development
- Algorithms and Data Structures

SaveBite
Full Stack Mobile Developer   Aug 2024 - Jan 2025

- Developed RESTful APIs that facilitated seamless data exchange between clients and servers in a distributed environment.
- Developed web platform back ends using NodeJS and Express frameworks.
- Built databases and table structures for android applications.
- Create android applications use Jetpack Compose.

TikaTiko
Back-End Developer   Sep 2024 - Nov 2024

- Developed a System for Laboratory Assistants in Informatics to Manage Attendance Recapitulation
- Designed the database structure
- Developed the user interface for a Telegram bot
- Created weekly attendance reports to a Manager Laboratory

Nasho
Back-End Developer   Aug 2024 - Oct 2024

- Developed a REST API to Support Step-by-Step Arabic Language Learning
- Technologies used like Express.js, PostgreSQL
- Key features of this project include progress tracking statistics and a lock system for learning materials, which unlock only after completing quizzes
- Implemented authentication and authorization for both Web and Android platforms
- Created APIs to display subjects that need to be learned
- Developed API statistics to track learning progress
- Created APIs for Admin to create, update and delete subjects that need to be learned

TEDXUII
Back-End Developer   May 2024 - Jun 2024

- Developed a REST API for a Web-based Ticketing System
- Technologies used like Express.js, PostgreSQL, Redis
- Key responsibilities in this project:
- Created an API to display available products
- Built an API to handle product orders
- Integrated the code with a VPS for deployment
- Created APIs for Admin to create, update and delete products

EDUCATION

Islamic University of Indonesia
Informatics Engineering   Aug 2022 - Aug 2026

- 3.96 GPA
- Member of Programming Study Club, 2023 to 2024
- Member of Google Development Students Club, 2023 to 2024

Man Insan Cendekia Tanah Laut
High School Diploma   Aug 2019 - Aug 2022

- 88/100 GPA
- Member of Mathematics Club, 2020 to 2021

SKILL

Technical: Node JS, PostgreSQL, MySQL, Redis, Golang, Flutter, Kotlin, Firebase Integration, Java, PHP , HTML

Languages: Fluent in Indonesia, Intermediate in English