

Ahmad Ferdiansyah Ramadhani

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I have extensive experience in front-end, back-end, and cloud computing. I am proficient in using Vue.js, React.js, Node.js, Golang and Google Cloud Platform. The software I have developed has been recognized for its robustness, as evidenced by the awards have received in various competitions and also have software contribution in some companies.

WORK EXPERIENCE

Delta HQ

Surabaya, East Java

Back End Engineer • Full-time • 09/2024 - Present

- Maintenance Hourmane and Visamane which are Time and Visa Management in one of company at Japan (DXHUB).
- Create an AI chatbot to deliver a quick response message which is integrating with internal APIs.
- Build from scratch Corporate Portal.
- Create Centralized PMS Notification System.

GoTo Group

Jakarta Selatan, Jakarta, Indonesia

Part of 32 interns at GoTo, selected over 7600++ applicants under Kampus Merdeka program batch 5 from Ministry of Education Indonesia.

Software Engineer • Internship • 08/2023 - 12/2023

- Creating Weekly Tracker KPI Automation - Managing Summarization KPI metrics from 15++ teams at Transport and Driver Platform.
- Inject middleware to get order number and request Id through Golang-Context in one of the biggest service in Transport Team.
- Create Detail Order Component for Front End on Web Concierge Dashboard.

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

Indonesia

Cloud Computing Mentor • Freelancer • 02/2024 - 07/2024

- Guided and supported aspiring mentees through their cloud computing journey on Google Cloud Platform. I provided technical assistance, shared industry insights, and helped mentee develop practical skills in cloud technologies.

IRIS ITS

ITS Surabaya

Programming • Part-time • 04/2021 - 06/2024

- Create a web app for real time robot visualization using Vue.js, Express, ROS and Canvas which is called as Basestation.
- Referee box integration (software as a referee during the matches) in Basestation.
- Connecting the communication system to UDP multicast/unicast, TCP, socket.IO, roslib.js, ROS (Robot Operating System) and node.js.

EDUCATION

Bachelor in Computer Science

Institut Teknologi Sepuluh Nopember (ITS) • GPA: 3.65 • 01/2020 - 12/2024

Surabaya, East Java

CERTIFICATIONS

Back-End Expert • 02/2024 - 02/2027

Dicoding Indonesia

AWARDS & SCHOLARSHIPS

3rd place RoboCupSoccer middle size in Bangkok, Thailand • 07/2022

RoboCup Federation

1st place wheels robotic on Indonesia Robotic Contest 2022 • 06/2022

Pusat Prestasi Nasional

PROJECTS

IMCPAS • 05/2025 - 08/2025

Pasopati

Creating a dashboard and management system for Jail and islamic boarding school in Indonesia. This project also integrated with STTS to record every calls as subtitle. has millions of call logs and manage them to show in dashboard effectively by utilizing indexing, materialized view, limiting time at database's query and database replication.

Middleware Integration Telecom-System • 10/2024 - 12/2024

Pasopati

Built a production-grade middleware that synchronizes transactions between Firebase (mobile apps) and A2Billing (MySQL) into a single authoritative MySQL system. The platform processes over **80k requests per day, 45k+ telephone calls per month**, and supports **10k+ active users**, eliminating manual data migration, reducing errors, and enabling real-time, reliable billing and reporting.

Chatbot Using Retrieval Augmented Generation (RAG) • 02/2024 - 07/2024

As my final project to finish my Bachelor program, i created a chatbot which able to answer question from documents. It is able to reference documents and answering all of question from it. The chatbot consist of three processing which are indexing, retrieval, and generation.

Front-end website IRIS ITS • 08/2022 - 09/2022

I landing pages using Next.js and Tailwind CSS. The website showcases the innovation and achievements of the Institute of Robotics and Intelligent Systems (IRIS) at Institut Teknologi Sepuluh Nopember (ITS).

Basestation IRIS 2022 • 01/2022 - 06/2022

The Basestation is a software that connects robots to a communication between robots and the referee box. It shares data and counts robot messages, allowing real-time visualization of each robot's position, the ball, and other features.

VOLUNTEERING & LEADERSHIP

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka • 02/2024 - 07/2024

Mentor

TEDxITS • 02/2022 - 08/2022

Web Developer

SKILLS

Vue.js, Node.js, Tailwind CSS, docker, React.js, golang, Unit Testing, python, Golang, TypeScript, Next.js, Mock, gRPC, PostgreSQL, Data Migration, Flask, Python, CI/CD, NestJS, Robot Operating System (ROS), Google Cloud Platform (GCP), Redis, Google Kubernetes Engine (GKE), cloud run, Git, Socket.io, MySQL, GitHub, JavaScript, WebSocket