



HARIS MUZAKKI INDRA

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Kota Balikpapan, 76122, Indonesia

I am a student at Mulia Balikpapan University majoring in informatics. With my current experience in the field of software engineering, I am quite capable of doing various things such as conducting application analysis, creating implementation code and preparing the application for production. I have expertise in the field of informatics, especially software engineering, IoT engineering, and even basic networking. and I'm interested in learning more about technology, especially cloud computing.

Work Experiences

PT. Minergo Visi Maxima - Indonesia

Jan 2025 - Present

Software Engineer - Contract

Minergo Systems is an integrated platform that connects all aspects of mining operations in one central system. With this approach, Minergo Systems sets what we call "New Standard in Mining Operations"

- Built scalable back-end services with Node.js, Express.js, and TypeScript, and developed responsive front-end interfaces using React.js.
- Implemented real-time communication and data processing features using MQTT, WebSocket, and Server-Sent Events (SSE).
- Improved application performance by optimizing ORM-based SQL queries and implementing Redis caching for database queries and external API responses.
- Designed and developed modular microservices, including authentication services and other domain-specific services.
- Handled DevOps responsibilities such as Docker configuration, PM2-based deployment, server setup, and production service management.
- Set up system observability using Grafana and Prometheus for monitoring, alerting, and performance tracking.
- Contributed to the R&D division by researching and developing new product features and technical solutions.
- Developed and deployed web APIs for AI inference workflows, enabling integration between AI services and product features.
- Built real-time chat features and supported the development of live video streaming capabilities.
- Collaborated with the engineering team to troubleshoot complex technical issues and deliver reliable product features.
- Handled urgent application issues by calmly investigating root causes, applying timely fixes, and documenting lessons learned to prevent recurring problems.

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

Sep 2024 - Jan 2025

Cloud Computing - Internship

Bangkit is a career readiness program that aims to produce high-caliber technical talent for world-class Indonesian technology companies and startups, fully supported by Google, GoTo, Tokopedia, and Traveloka.

- Creating a API architecture and documentation
- Developing API using Express JS and Flask
- Deploying back end services into Google Cloud
- Integrating Machine Learning Model in back end service using flask

PT. Media Kreasi Abadi - Balikpapan, Indonesia

Apr 2023 - Jan 2025

Full Stack Developer - Fulltime

PT Media Kreasi Abadi is a website or application creation service company to support customer operational needs

- Perform system requirements analysis
- Create software requirements specification documents
- Responsible for handling back end services with Laravel or Express JS
- Responsible for handling front end development services with React JS
- Designing an optimal database for the system
- Deploying applications to production so they can be accessed by the public

CV. Bina Anugerah Sukses - Balikpapan, Indonesia

Jun 2022 - Apr 2023

Junior Programmer - Fulltime

Bina Anugerah Sukses is a company that provides training services to anyone who wants to learn about the world of technology

- Create training materials for the field of web development
- Create a portfolio website for the company
- Help the instructor explain the material

DILo (Digital Innovation Lounge) - Balikpapan, Indonesia

Jul 2021 - Sep 2021

Web Developer - Internship

Dilo is a company that operates in the technology sector, providing support services to customers who want to develop their business through the latest technology

- Perform application requirements analysis
- Write code optimally using the PHP programming language
- Create an attractive website display design

Education Level

Mulia University - Balikpapan, Indonesia

Jul 2022 - Jul 2026 (Expected)

Bachelor of in the field of informatics, faculty of computer science, 3.82/4.00

- became vice chairman of the Google Developer Student Club

Organisational Experience

Google Developer Students Club - Balikpapan, Indonesia

Feb 2023 - Present

Lead of Organization

Google Developer Students Club is a student activity unit organization at Mulia University which operates in the field of technology and has the aim of helping students discover their talents and guiding the learning process

- help organizations to create events for students
- Responsible for ongoing events by ensuring the event runs well

Skills, Achievements & Other Experience

- **Achievements** 🏆 (2022): Winning 1st place of provincial LKS in the field of Web Technology
- **Hard Skills** 🏆 (2022): Junior Web Developer Certificate of Competence
- **Modules Taken** 🏆 (2022): VSGA - Junior Web Developer
- **Projects** 🏆 (2023): Ini Catatanku App
- **Projects** 🏆 (2023): Ini Kontakku App
- **Projects** 🏆 (2023): Simple Todos App
- **Projects** 🏆 (2023): Forum Api Service
- **Projects** 🏆 (2023): Open Music Api Service
- **Projects** (2024): Patient Confirmation App
- **Projects** 🏆 (2024): Vogart Rent Portfolio Website
- **Projects** (2026): GPS Tracker App