

# Muhammad Rafif Tri Risqullah

Software Engineer | Based Remotely

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## SUMMARY

Junior Developer with Fullstack Development experience at Huawei. Google-certified Associate Cloud Engineer with experience building full-stack applications. Proven track record in teaching complex programming concepts and delivering production-ready software solutions through systematic problem-solving and architectural thinking.

## EDUCATION

### Institut Teknologi Sepuluh Nopember

Sep 2021 — Sep 2025

Bachelor of Informatics Engineering | Surabaya, Indonesia | GPA: 3.48/4.00

- Contributed in Pekan Kreatifitas Mahasiswa (PKM) with Alpha Academy Team, reached finals in PIMNAS 36
- Teaching Assistant in Database System, Fundamental Programming, Data Structure, Network Computing, and Operation System

## EXPERIENCE

### Full Stack Developer - Huawei

Nov 2025 — Present

Jakarta Selatan, Indonesia | Multinational technology company providing ICT infrastructure, smart devices, and consumer electronics.

- Contributing to the full-stack development of a high-impact application for Indosat, translating client specifications into functional technical features
- Collaborating within a multi-vendor environment — including Nokia and Deloitte — participating in technical syncs and requirements gathering conducted in English

### Backend Developer Intern - DPTSI ITS

Sep 2024 — Jan 2025

Surabaya, Indonesia | Direktorat Pengembangan Teknologi dan Sistem Informasi ITS.

- Refactored the Webinar booking module using Laravel with a team of 2, delivered to stakeholder satisfaction in 4 months
- Implemented SOLID principles and Domain-Driven Design (DDD) with well-defined layers
- Integrated external APIs (Zoom API) and DPTSI Laravel libraries to optimize module performance

### Cloud Computing Cohort - Bangkit Academy

Feb 2024 — Jul 2024

Indonesia | Led by Google, Tokopedia, Gojek, & Traveloka.

- Completed over 100 hours of intensive coursework in cloud computing, networking, IT & system administration, and GCP services
- Developed Glucofit, a cloud-based health monitoring platform, collaborating with cross-functional teams
- Built integrated backend services using Express.js and Flask, deployed on Google Cloud Platform

## SKILLS

**Languages:** C, C++, PHP, Python, JavaScript, TypeScript, Solidity

**Frameworks:** Express.js, Laravel, Next.js

**Databases:** MySQL, PostgreSQL, SQLite

**Tools:** Docker, Linux, Figma

**Cloud:** GCP (ACE Certified)

## CERTIFICATIONS

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- Associate Cloud Engineer - Google (2024)
- English for Business Communication - The British Institute (2024)
- English EFL Test - ITS (2021)

## ORGANIZATIONS

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### Expert Creative Team Staff - Schematics

Jul 2022 — Dec 2023

Surabaya, Indonesia

- Designed and developed creative concepts for decorative purposes
- Contributed to 10+ social media designs, enhancing visual engagement
- Participated in and led event preparations and live execution

### Expert Event Staff - Dies Natalis ITS 63

Aug 2023 — Nov 2023

Surabaya, Indonesia

- Contributed in creating the event concept of Esport tournament
- Managed the team and staffs throughout 2 months of work

## PROJECTS

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### extract-design - Claude Code plugin — reverse-engineer any brand's visual language

2026

A Claude Code plugin that extracts a complete design system from any URL, screenshot, or Figma file. Outputs three files: machine-readable tokens.json, a branded preview.html, and a brand identity README. Every token carries a confidence flag — confirmed, inferred-likely, or inferred — so output is always auditable.

Tech: Claude Code, Plugin API, JSON, HTML, Python

GitHub: <https://github.com/zeon-kun/extract-design>

### AxenFlow - Production-grade headless CMS built from scratch

2026

A headless content management system built for the modern web. Features multi-category content organization, user authentication, and a clean publishing workflow. Built as a production system — not a toy.

Tech: CMS, Headless, Web

Live: <https://flow.axen.software>

### ArtChain - Web3 revenue model for artist-fan interaction

2025

Proposed web3 contracts for implementing a new revenue model for artist-fan interaction. Smart contracts handle royalty distribution and fan engagement mechanics on-chain.

Tech: Solidity, Sepolia Testnet, Web3

GitHub: <https://github.com/zeon-kun/artchain>

### SIM MBKM - Academic management system with microservices

2025

Academic Management Information System for MBKM activities. Uses microservices architecture and DevOps pipeline. Includes integrated SSO authentication, User Management System (RBAC), Assessment Management, and Data Report Management.

Tech: Microservices, DevOps, SSO, RBAC

GitHub: <https://github.com/sim-mbkm>

### **Glucofit - AI-powered diabetes prevention app**

2024

Health & Wellness Management Application. AI-powered mobile application for diabetes prevention in Indonesia, featuring food image recognition and personalized nutrition tracking capabilities.

Tech: Express.js, Flask, GCP, Machine Learning

GitHub: <https://github.com/glucofit>

### **Minecraft Server Management - Docker-based game server hosting solution**

2024

Complete solution offering both legacy screen-based scripts and modern Docker deployment options for flexible server hosting.

Tech: Docker, Bash, Linux

GitHub: <https://github.com/zeon-kun/mc-server>