

SUMMARY

Fresh graduate in Informatics Engineering. Well-versed in software design, programming, and databases, also with Microsoft and Google Workspace. Deeply passionate about continuous learning in the field of software engineering. Additionally, Possesses well-developed soft skills in public speaking, communication, and management. Seeking opportunities to contribute to a company's growth and further develop expertise in a professional environment.

EDUCATION

Universitas Sam Ratulangi **Manado, Indonesia**
Informatics Major - GPA 3.91/4.00 *August 2022 - July 2026*
Thesis: Design and Development of a Multi-Platform Application for Student Correspondence Administration Based on Role-Based Access Control and Real-Time Notifications

- Developed the application as a Trusted Web Activity (TWA) using Next.js for the frontend and Golang for the backend, with PostgreSQL as the database and Firebase Cloud Messaging (FCM) for the notifications.

Relevant coursework: Web Programming, Software Engineering, Database & Database Technology.

EXPERIENCE

Siloam Hospitals Manado
IT Intern
June 2025 – August 2025

- Supported day-to-day IT operations including system and hardware troubleshooting, printer maintenance, employee access-card management, asset inventory, and Raspberry Pi-connected hospital TV systems

Engineering Faculty
Assistant Lecturer - Database Technology
October 2024 – December 2024

- Assisted in teaching Database Technology using PostgreSQL and Oracle, supporting practical sessions covering database schema design and installation, security and authentication management, asynchronous replication and concurrency control, data distribution through partitioning and synchronous replication, and database optimization and workload management in distributed database clusters.

Assistant Lecturer - Programming
March 2026 – May 2026

- Supported programming course activities through assignment grading, score recording, administrative coordination, and collaboration with fellow teaching assistants to ensure smooth course administration.

ORGANIZATION

Himpunan Mahasiswa Elektro *May 2023 – July 2026*
Member of Association
Vice-Coordinator - Event Division, Social Service
June 2023 - August 2023

- Coordinated event planning and execution by developing the event flow and rundown, collaborating across divisions on budget, equipment, logistics, and refreshments, surveying venues, assigning and coordinating performers and event personnel, and supervising the event from opening through completion to ensure smooth execution.

Vice-Coordinator - Event Division, Pre-Christmas Event
August 2023 - December 2023

- Managed the planning and execution of the event by organizing the rundown, coordinating resources and logistics across divisions, surveying the venue, managing performers and event personnel, contacting external contributors, and overseeing the event process to ensure activities were carried out according to plan.

UNSRAT IT Community *April 2023 – July 2026*
Member of Community
Backend Division Coordinator
March 2025 – April 2026

- Coordinated a 5-session backend learning program for university students with an average attendance of 10 participants across the five sessions, designing the curriculum and study schedule, assigning PICs for each session, preparing session rundowns, and developing evaluations and assessments to measure participants' learning progress

PROJECTS

UNSRAT IT Community

Backend Developer Web-Dev.XML

May 2024 - July 2024

- Developed the backend of the UNITY organization website using Laravel, implementing a CRUD REST API for announcement management while collaborating within a backend development team and working with task management and daily Scrum practices.

Backend Developer Cross Engineering Team TECHOEST Grand Project

July 2024 - November 2024.

- Contributed to Report Formatter and Spark, developing backend services with Golang and NestJS, implementing REST API endpoints, and creating comprehensive Swagger/OpenAPI documentation for the Report Formatter API while working within a team-based development workflow.

Backend Developer Unity Project Team Beyond Unity

January 2025 - April 2025.

- Continued development of Report Formatter, implementing endpoints for chapters, subchapters, subpoints, image management, and file downloads, while refactoring existing APIs, standardizing API responses, strengthening API security, and maintaining structured and maintainable code.

Senior Backend Developer Unity Project Team E-Voting

June 2025 – February 2026

- Contributed to the development of the E-Voting application within a backend team of one senior and two junior developers, coordinating task discussions and development work while mentoring junior developers and guiding them in backend development, project workflows, and business processes.

Siloam Hospitals Manado

Fullstack Developer - Doctor Scheduling System

August 2025

- Designed and developed the doctor scheduling system using HTML, CSS, JS and PHP with doctor and schedule management, CRUD functionality, search, filtering, and schedule status management, then assisted in deploying the system to Raspberry Pi-connected television displays and implementing improvements based on hospital feedback.

Additional Projects

Frontend Developer - Information System Village

Suluun Tiga — August 2025 | Leilem Tiga — September 2025

- Developed two village information systems for Suluun Tiga and Leilem Tiga using Next.js, applying frontend best practices and Server-Side Rendering (SSR) to improve performance, maintainability, and application structure.

Frontend Developer - Himpunan Mahasiswa Elektro Website

April 2024 - June 2024

- Developed the Electrical Student Association website using Next.js, applying Server-Side Rendering (SSR) and frontend best practices to build a structured, maintainable, and responsive web application.

TECHNICAL SKILLS

Programming Languages: Go, TypeScript, JavaScript, PHP, Kotlin, Dart, C#, SQL

Frameworks & Libraries: Next.js, React, NestJS, Laravel, Flutter

Databases: PostgreSQL, MySQL, Mariadb, SQLite

Platforms & Technologies: Android Studio, Visual Studio Code, Firebase Cloud Messaging, Node.js

Testing: Appium, Selenium

Tools: Git, GitHub, GitLab, Docker, Postman, Swagger/OpenAPI

ADDITIONAL INFORMATION

Training:

- Junior Web Developer Vocational School Graduate Academy Digital Talent Scholarship 2024
- Operator Komputer Madya Vocational School Graduate Academy Digital Talent Scholarship 2024

Languages : Bahasa Indonesia (Native), English (Certificated TOEFL ITP 590)

Portfolio : [Portfolio - Miracle Sumajow](#)