

# RYU ALVANO

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## EDUCATIONS

### UNIVERSITAS MULTIMEDIA NUSANTARA (UMN)

Bachelor's Degree in Information System

Cumulative GPA: 3.71/4.00

Relevant Coursework:

- *Database Development*: Built databases, including ER diagrams, table normalization, query writing, and PL/SQL with RDBMS (Microsoft SQL Server, Oracle).
- *Web Design and Development*: Designed a news portal website and took part on the client-side with HTML, CSS, and JavaScript.

Tangerang, Indonesia

Aug 2020 – Jun 2024

### BANGKIT ACADEMY LED BY GOOGLE, TOKOPEDIA, GOJEK, & TRAVELOKA

Cloud Computing Learning Path

- Learned about Google cloud platforms and cloud services cost structures.
- Served as backend engineer on the Capstone Project, utilizing Node.js, Cloud SQL, Docker, and Cloud Run for scalable API development and deployment.

Jakarta, Indonesia

Aug 2023 – Jan 2024

## WORK EXPERIENCES

### SINAR MAS LAND

Data Governance Intern

- Developed and deployed APIs using Flask, Docker, and Azure Container Apps for real-time data transfer from SAP CX and SAP S/4HANA to the MDM database in Microsoft SQL Server from scratch.
- Created an API to automate sequential execution of Informatica jobs, reducing manual intervention with an average API response time of 50-200ms.
- Managed backend operations for a web-based golden data approval system in Master Data Management.

Tangerang, Indonesia

Apr 2024 – present

### ASTRA CREDIT COMPANIES

Data Analyst Intern

- Developed interactive dashboards for Daihatsu's accounts receivable and weekly B2B performance using Looker Studio and Tableau, connected to SQL Server views.
- Streamlined daily data preparation using SQL procedures and triggers, eliminating 2-3 manual workflows.
- Analyzed Daihatsu's direct and indirect selling data using Microsoft Excel.

Jakarta, Indonesia

Feb 2023 – Jul 2023

### SEEDS

Frontend Web Developer Intern

- Fixed bugs on the user login and OTP authorization page.
- Translated UI designs from Figma to structured code and styling with React JSX and Tailwind CSS.
- Maintained web functionality by aligning local branches with the go-to-production Git branch.

Jakarta, Indonesia

Nov 2022 – Dec 2022

## PROJECTS

### DAPOER SARIWANGI

Full Stack Development – Freelance

- Developing a reservation web application to enhance customer experience and operational efficiency.
- Tech stack: ReactTS, Google Cloud Platform (Cloud Firestore, Cloud Run), Docker, Golang
- Features: Restaurant profile, web-based menu information, room reservation.

Jakarta, Indonesia

May 2024 – present

### PT SINAR OGAN INDUSTRI

Full Stack Development – University Final Project

- Developed an end-to-end e-commerce platform using the MERN stack for the web side and Flask for an item-based collaborative filtering ML model.
- Tech stack: MERN Stack (MongoDB, Express, React, Node.js), Flask, Vercel, Midtrans Payment Gateway, JWT
- Features: Stock tracker on inventory, targeted item-based recommendations, role-based user pages.

Palembang, Indonesia

Dec 2023 – May 2024

## ORGANIZATION EXPERIENCES

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### PERSAUDARAAN PEMUDA BUDDHAYANA DHARMA CITRA

Lampung, Indonesia

Vice President

Apr 2022 – May 2022

- Assisted Persaudaraan Pemuda Buddhayana Dharma Citra (PPBDC) core team to develop the organizational strategy and its implementation to achieve the organization's goals.
- Trusted to manage a team consisting of 50+ persons to get involved in Buddhism events in the area of Lampung.
- Represented PPBDC at Musyawarah Daerah IV, contributed to the Sekber PMVBI Lampung election.

## ACHIEVEMENTS

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### FINALIST OF FUND MANAGING COMPETITION – Indonesian Capital Market Festival 2022

- Outperformed IDX Composite with a portfolio consisting of 5 stocks with a total 23.7% ROI within a month.
- Challenged to pitch the investment plans and strategies that were supported by a particular analysis of macroeconomic data and strong knowledge of the Indonesian capital market in front of the judges.

## ADDITIONALS

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**Technical skills:** MERN (MongoDB, Express, React.js, Node.js), TypeScript, Go, Flask (Python), PL/SQL, RDBMS (MySQL, Oracle, Microsoft SQL Server), Docker, Google Cloud Platform, Microsoft Azure, BI Tools (Looker Studio, Tableau, Power BI), Visual Design (Figma, Adobe Photoshop), Microsoft 365

**Certifications & Training:** Udemy Online Courses in SQL, HTML, CSS, JavaScript, and Node.js; Intensive Bootcamp in ReactJS (Sanbercode); Online Course in Microsoft Excel (Vocasias)

**Other:** Ecommerce Business Owner of Nuwo Medical Store, Visual Editing Freelancer mostly for varsity-based projects.

**Languages:** Fluent in Indonesian, English; Conversational Proficiency in Chinese