RYU ALVANO

ryu.alvano@outlook.com | +62 895-2307-7397 | www.linkedin.com/in/ryualvano | github.com/BlvckM1nds

EDUCATIONS

UNIVERSITAS MULTIMEDIA NUSANTARA (UMN)
Tangerang, Indonesia
Bachelor's Degree in Information System
Aug 2020 – Jun 2024
Cumulative GPA: 3.75/4.00

- Publication assistant of annual Festival Budaya Nusantara 2022.
- Graphic designer of ALIVE 8.0 (UMN Medical Center annual event).
- Event staff of Funsport SI 2022 under the auspices of HIMSI.

BANGKIT ACADEMY LED BY GOOGLE, TOKOPEDIA, GOJEK, & TRAVELOKA
Jakarta, Indonesia
Cloud Computing Learning Path
Aug 2023 – Jan 2024

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

WORK EXPERIENCES

DEXA GROUP
Tangerang, Indonesia
Software Engineer Level 1
Aug 2025 – Present
Junior Software Engineer
Jul 2024 – Aug 2025

- Built and maintained a scalable micro front-end PWA to enhance user experience.
- Designed and implemented RESTful APIs for seamless data exchange.
- Optimized logging and database queries for secure and efficient operations.
- Led the development of the Consumer Health Dexa (CHD) project, optimizing marketing, event, promotion data collection, and call management across 30+ company branches for field teams.
- Involved on Manufacturing squad, developed Product Lifecycle Management system integrated with several external SaaS (e.g. Labware, Oracle, etc.).

SINAR MAS LAND
Tangerang, Indonesia
Data Governance Intern
Apr 2024 – Jul 2024

- Developed and deployed APIs using Flask, Docker, and Azure Container Apps for real-time data transfer from SAP CX and SAP S/4HANA to 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 35-100ms.
- Managed backend operations for a web-based golden data approval system in Master Data Management.

ASTRA CREDIT COMPANIES
Jakarta, Indonesia
Data Analyst Intern
Feb 2023 – Jul 2023

- 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.

SEEDS
Jakarta, Indonesia
Frontend Web Developer Intern
Nov 2022 – Dec 2022

- 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.

PROJECTS

CENTRAL MEDICA LAMPUNG
Lampung, Indonesia
Full Stack Development – Freelance
Nov 2024 – Present

- Streamlining back-office administrative processes onto web-based system to improve operational efficiency.
- Key contributions: Enhanced inventory management, optimized order processing, and ensured accurate record-keeping to support business operations.
- Tech stack: Next.js, React, NestJS, TypeScript, TypeORM, PostgreSQL, MongoDB, Jenkins, VPS

HEMAT INDONESIA   Jakarta, Indonesia

Full Stack Development – Freelance   Sep 2024 – Present

- Developing an admin page with an initial module focused on evidence tracking for shipment processes.
- Key contribution: Optimizing operational efficiency by limiting evidence submissions per airway bill to prevent duplicate shipments and reduce company losses.
- Tech stack: Next.js, React, TypeScript, Go, Gin, GCP, GORM, PostgreSQL, Jenkins, VPS
- Features: Barcode scanner integration, webcam-triggered evidence capture, and duplicate airwaybill validation.

PT SINAR OGAN INDUSTRI   Palembang, Indonesia

Full Stack Development – University Final Project   Jan 2024 – Jun 2024

- 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 (MongoDB, Express, React, Node.js), Flask, Midtrans Payment Gateway
- Features: Stock tracker on inventory, targeted item-based recommendations, role-based user pages.

ORGANIZATIONAL EXPERIENCES

PERSAUDARAAN PEMUDA BUDDHAYANA DHARMA CITRA   Lampung, Indonesia

Vice President   Apr 2022 – May 2024

- 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 Lampung.
- Represented PPBDC at Musyawarah Daerah IV, contributed to the Sekber PMVBI Lampung election.

ACHIEVEMENTS

FINALIST OF FUND MANAGING COMPETITION – Inodnesian 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

Technical Skills: JavaScript, TypeScript, Go, Python, Elixir, SQL, NoSQL, Docker, Cloud Computing, CI/CD, VPS, Business Intelligence, Visual Design, Microsoft 365

Framework & Tools: React, Next.js, Redux, Express, Node.js, NestJS, ElysiaJS, Gin, Flask, MySQL, PostgreSQL, Microsoft SQL Server, MongoDB, TypeORM, Prisma ORM, AWS, GCP, Azure, Cloudinary, Looker Studio, Tableau, Power BI, Figma, Photoshop

Certifications & Training: Certified International Specialist in Data Visualization (PASAS INSTITUTE); Udemy Online Courses in SQL, HTML, CSS, JavaScript, and Node.js; Intensive Bootcamp in ReactJS (Sanbercode); Online Course in Microsoft Excel (Vocasia).

Other: Ecommerce Business Owner of Nuwo Medical Store, Graphic Design Freelancer for one of the global beauty brands, Visual Editing Freelancer mostly for varsity-based projects.

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