

RAFFAEL ALDRICH SETIAWAN

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PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer with a robust foundation in Back-End architecture and RESTful API design. Combines strong analytical problem-solving with strategic leadership to drive end-to-end system development—from enterprise management platforms to cognitive web applications. Proven ability to lead technical teams, optimize complex workflows, and deliver high-impact, scalable software solutions.

EDUCATION

D3 INFORMATICS ENGINEERING Universitas Sebelas Maret, Surakarta Current GPA: 3.93 / 4.00	August 2023 – Present
COMPUTER & NETWORK ENGINEERING SMK Negeri 2, Surakarta	July 2019 – June 2022

SKILLS

Technical Skills

- JavaScript (React.js, Next.js, Vue.js)
- PHP (Laravel)
- Go
- Java
- MySQL
- Video Editing (Filmora, Capcut)
- Graphic Design (Affinity, Photoshop)

Interpersonal Skills

- Communicative
- Critical Thinking
- Problem Solving
- Adaptive
- Collaborative
- Leadership

INTERNSHIP EXPERIENCE

PT Sora Abadi Inspira , Surakarta <i>Full Stack Developer (Intern)</i> <ul style="list-style-type: none">• Developed a Superadmin web application for a Point of Sales (POS) system as a Full Stack Developer to facilitate centralized business data management.• Designed and implemented crucial features on the admin dashboard for efficient business activity monitoring.	August 2025 – March 2026
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Politeknik Indonusa , Surakarta <i>Network Technician (Intern)</i> <ul style="list-style-type: none">• Responsible for the installation and configuration of computer networks (LAN) in the campus environment to ensure stable connectivity.• Performed installation and troubleshooting of various operating systems (OS) such as Windows on computer lab and staff devices.	August 2021 – December 2021
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PROJECTS

Final Project Information System <i>Back-End Developer</i> <i>D3 Informatics Engineering UNS</i> <ul style="list-style-type: none">• Engineered RESTful APIs and database architecture (MySQL) using Laravel to streamline complex academic workflows, from proposal submission to final project advising.	February 2025 – July 2025
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- Implemented strict Role-Based Access Control (RBAC) and conducted comprehensive API functional and security testing via Postman to ensure data integrity.

Brain Train Hub (Personal Portfolio Project)

Creator & Developer

- Developed an interactive, web-based cognitive training platform designed to enhance focus, mental agility, and sustained brain power.
- Engineered specific cognitive exercises, including the Schulte Table for expanding peripheral vision and processing speed, and the Color Word Challenge to improve selective attention and cognitive flexibility.

BrainBlitz (Personal Portfolio Project)

Creator & Developer

- Built a timed mathematical cognitive training application inspired by the dual-process theory in "Thinking, Fast and Slow".
- Designed algorithmic math challenges specifically targeted at training cognitive speed, working memory, and inhibitory control under time pressure.

ORGANIZATIONAL EXPERIENCE

Vice Chairman

August 2025 – Present

Youth Arise, Gereja Bethany Solo

- Assisted the Chairman in formulating strategies and overseeing the implementation of annual programs for youth community development.
- Responsible for strategic decision-making in the Chairman's absence and maintaining team discipline.

Head of Creative Ministry (Flag Ministry)

January 2023 – Present

Gereja Bethany Solo

- Led and coordinated a 23-member creative ministry team for weekly performances and special events.
- Designed rehearsal schedules, developed choreography, and maintained performance quality and team member regeneration.

AWARDS

Finalist in National Level Web Development Competition

February 2025

DINUSFEST 2025, Universitas Dian Nuswantoro (UDINUS)

- Successfully became a finalist out of 50+ competing teams from all over Indonesia.
 - Developed project: "Ecosmart" web application, a digital solution for environmental sustainability, using Next.js, Express.js, Node.js, and MongoDB (MERN Stack) technologies.

CERTIFICATIONS

- **FE Intermediate Bootcamp** - SISTEM x D3TI UNS & PT Solutionlabs Grup Indonesia
- **Introduction to Financial Literacy** - Dicoding Indonesia
- **Learning Basic AI** - Dicoding Indonesia
- **CCNAv7: Introduction to Networks** - Cisco Networking Academy
- **Introduction to Cybersecurity** - Cisco Networking Academy
- **PCAP: Programming Essentials in Python** - Cisco Networking Academy
- **Introduction to IoT and Digital Transformation** - Cisco Networking Academy
- **Learning Basics of Data Visualization** - Dicoding Indonesia

LANGUAGES

- **Indonesian** (Native)
- **English** (Intermediate)