

Rifky Kurniawan Putra

Medical Doctor | Occupational Doctor | Full-Stack Developer

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[LinkedIn](#) | [Portfolio](#) | Pemalang, Central Java, Indonesia

About Me

I am an aspiring software engineer with a healthcare background who values critical thinking, precision, and evidence-based decision-making. With over 12 months of hands-on clinical experience and an Exemplary-graduated background in full-stack software engineering studies at Revou, I develop modern web systems that prioritize reliability, security, and real-world usability. I am skilled in modern JavaScript and TypeScript frameworks, RESTful API development, and PostgreSQL, and I deliver secure, maintainable web applications using best engineering practices. I am excited to bring my analytical mindset and engineering perspective to a Software Engineering role and deliver scalable, and high-impact solutions.

Education

RevoU

February 2025 – August 2025

Full Stack Software Engineering

Completed a Full Stack Software Engineering program focused on web application development. Gained hands-on experience in React, Node.js, PostgreSQL, Prisma ORM, RESTful APIs, Git, and software development lifecycle (SDLC).

Final Project: Ruined Edu-Commerce

For my final project, I am developing an integrated e-commerce and e-learning platform designed for tea, coffee, and herbal product enthusiasts, enabling users to purchase premium products while accessing structured educational content to develop brewing and barista skills within a unified digital ecosystem.

Deck: [Ruined Edu-Commerce Deck](#)

Git: Ruined: [Edu-Commerce Github](#)

Live demo: [Ruined Edu-Commerce Demo](#)

Universitas Muhammadiyah Semarang (Unimus) | Semarang , Indonesia

Medical Doctor

November 2021 – December 2023

- GPA (3.70/4.00)

Bachelor of Medicine

September 2016 – May 2021

- GPA (3.00/4.00)
- **Thesis Title:** Analysis of Compliance Factors for the Hypertension Patients' Treatment at Puskesmas Paduraksa Pemalang Regency.
- **Deck Presentation:** [Deck Presentation](#)

Working Experiences

General Practitioner

Hafida 3 Primary Clinic at PT longwell | Pemalang , Indonesia

January 2026 – Present

- Managed primary and occupational healthcare services for company employees, contributing to decrease the number of accident in workplace medical incidents through early intervention, preventive care, and BPJS-based treatment management.
- Stabilized and treated emergency cases in the workplace setting, managing until 500 acute cases per month and ensuring timely referral to higher-level facilities when clinically indicated.
- Conducted fit-to-work assessments and periodic health monitoring for 10.000 employees, supporting workplace safety compliance and operational productivity.
- Coordinated referrals and structured follow-up care with external healthcare providers, improving treatment continuity and reducing repeat acute episodes by 20%

Gondo Clinic | Pemalang, Indonesia

July 2025 - December 2025

- Provided comprehensive outpatient and emergency consultations for 5-10 patients per day, managing diverse acute and chronic conditions to ensure timely and evidence-based clinical care..
- Performed initial emergency assessments and stabilization for 3-5 acute cases per shift, executing effective triage and rapid intervention to enhance patient safety.
- Applied systematic clinical reasoning and national treatment guidelines across high-volume patient encounters, improving diagnostic accuracy and therapeutic outcomes.
- Maintained thorough and accurate medical documentation to support multidisciplinary care and legal compliance.

Internship Doctor

Puskesmas Kauman I Tulungagung, Indonesia

November 2024 –

May 2025

- Conducted comprehensive outpatient examinations for 80–100 patients per day, managing diverse acute and chronic primary care conditions to ensure efficient and guideline-based treatment delivery.
- Monitored and managed approximately 20 inpatients daily, adjusting treatment plans according to clinical progression and national protocols to optimize recovery outcomes.
- Delivered preventive, promotive, and curative services to a high-volume primary care population, contributing to improved chronic disease control and enhanced patient treatment adherence.
- Maintained accurate medical documentation for over 100 patient encounters daily and coordinated tiered referrals to secondary facilities to ensure continuity of care.

Bhayangkara Hospital I Tulungagung, Indonesia

May 2024 – November 2024

- Collaborated within a multidisciplinary emergency team during shift-based rotations, contributing to the management of 15–20 acute cases per shift to ensure rapid stabilization and coordinated care.
- Independently managed a minimum of 10 emergency patients per shift, performing rapid clinical assessments and initiating evidence-based treatment under high-pressure conditions.
- Applied standardized emergency protocols in triage and resuscitation procedures, supporting timely critical decision-making and improving patient safety outcomes.
- Coordinated inpatient admissions and external referrals for critical cases, facilitating seamless transitions from emergency to definitive care services.

Teaching Assistant of Medical Skill, UNIMUS I Semarang, Indonesia

2018 – 2019

- Facilitated practical medical skills sessions for over 200 medical students per semester, guiding systematic history taking and physical examination techniques to improve OSCE readiness and clinical accuracy.
- Demonstrated and supervised inspection, palpation, percussion, and auscultation techniques during structured laboratory sessions, ensuring adherence to standardized clinical examination protocols.
- Provided individualized feedback and competency assessments, contributing to improved student performance and increased practical examination pass rates.
- Assisted faculty members in developing simulation materials and OSCE stations, supporting structured competency-based medical education.

Organization Experiences

Ikatan Mahasiswa Muhammadiyah (IMM), Semarang Region I Semarang, Indonesia

Instructor

2019 – 2020

- Facilitated cadre training sessions and leadership workshops for 300-500 participants across the Semarang Region, strengthening ideological understanding and organizational competencies.
- Mentored and supervised 30 cadre members during structured training programs, delivering performance evaluations and feedback to enhance leadership readiness and critical thinking skills.
- Collaborated with 14 regional leaders to design and standardize cadre development modules, improving program consistency and alignment with Muhammadiyah values.
- Evaluated training outcomes and compiled performance reports for 14 training batches per year, supporting continuous improvement of regional cadreization systems..

Secretary of Research & Knowledge Development

2018 – 2019

- Coordinated 4 Research & Knowledge Development programs annually, managing cross-departmental administration and correspondence to strengthen cadre intellectual capacity and organizational performance.
- Reviewed and validated 14 divisional activity reports, ensuring compliance with IMM guidelines and improving documentation accuracy and accountability standards.
- Developed and systematized structured documentation systems for some programs, establishing organized research archives and digital databases to enhance information accessibility and institutional continuity.
- Organized academic discussions, research forums, and knowledge-sharing sessions, increasing member engagement and strengthening analytical and scholarly competencies within IMM Semarang

IMM, Faculty of Medicine, UNIMUS I Semarang, Indonesia

President

2018 – 2019

- Led more than 20 organizational programs and campus-wide events annually, coordinating 7 committees to align faculty-level IMM operations with Muhammadiyah strategic objectives.
- Oversaw organizational governance for 59 active members, ensuring full compliance with IMM statutes, faculty regulations, and Islamic organizational values.
- Directed annual strategic planning and performance target setting across 10 departments, strengthening cadre development systems and long-term organizational sustainability.
- Represented IMM Faculty of Medicine UNIMUS in faculty-level and external forums, fostering partnerships and strengthening collaboration with university stakeholders and Muhammadiyah networks.

Organization Secretary

2017 – 2018

- Managed documentation for 4 organizational activities annually, maintaining structured records to ensure transparency, accountability, and institutional continuity.
- Oversaw comprehensive documentation of programs and events, organizing digital and physical archives to improve information accessibility and reporting efficiency.
- Prepared and distributed official correspondence, meeting minutes, and administrative documents, ensuring clear communication across committees and faculty stakeholders.
- Coordinated administrative workflows, including scheduling, reporting, and internal data management, to support effective organizational operations and decision-making processes.

Head of External Relations – Information and Technology (HUBLU-IT)

2018 – 2019

Majelis Dakwa Kedokteran Islam (MADANI)

Faculty of Medicine, UNIMUS I Semarang, Indonesia

- Managed and optimized an official social media platforms, publishing 2-3 posts per month to increase audience reach and organizational engagement.
- Led external communications with 2 partner institutions and community stakeholders annually, expanding collaborative networks and strengthening outreach initiatives.
- Developed and executed 3 digital campaigns per year aligned with Islamic medical outreach objectives, improving event participation and public awareness.
- Supervised media documentation and information dissemination processes, ensuring timely, accurate, and professional public communication.

Project Experiences

Ruind Edu-commerce, Revou

June 2025 – August 2025

RUIND EDU-COMMERCE is a web-based integrated e-learning and e-commerce platform built for coffee, tea, and herbal enthusiasts to learn and shop in one place. Built with Next.js 15 and Tailwind CSS plus Shadcn UI components on the frontend, using TypeScript throughout, with TanStack Query for server state management and React Hook Form with Zod for form validation. I contributed as a frontend developer handling UI design, API integration, and state management. The system includes secure Authentication powered by NextAuth with login, registration, role-based access (Admin/Instructor/Supplier/User), and route protection. For admins, features include a dashboard with platform analytics and reporting, user administration, course and product management, order management, and a content management system. Instructors have access to course creation and management, enrollment tracking, and lesson progress monitoring. Suppliers can manage their product catalog and track incoming orders. Regular users enjoy a personal dashboard, course enrollment with video-based lessons, interactive quizzes, progress tracking, completion certificates, a product catalog with advanced filtering by category, price, origin, and rating, a shopping cart, and secure payment processing. Additionally, the platform features real-time search with multi-filter support across both courses and products, and a fully responsive mobile interface ensuring a seamless experience across all devices. This fully functional EDU-COMMERCE platform delivers an engaging user experience, helping enthusiasts grow their knowledge while conveniently shopping for premium products in a single centralized system.

Additional Information

Technical Skill:

- **Programming Languages:** TypeScript, JavaScript
- **Frontend Framework:** Next.js/React Router, Tailwind CSS
- **Backend Framework:** NestJS
- **Database Management:** PostgreSQL, Prisma ORM
- **Cloud Servers / Infrastructure:** Vercel, Railway, Supabase
- **Version Control System:** Git
- **Software Development Tools:** PostMan

Medical Skills:

- **Clinical Certifications:** Advanced Cardiovascular Life Support (ACLS), Basic Life Support (BLS), Occupational Health Physician Certification (Hiperkes Dokter), ISO 45001
- **Occupational & Industrial Health:** Workplace medical examinations (MCU), fit-to-work assessment, occupational disease screening, workplace injury management, health surveillance programs, workplace hazard risk evaluation
- **Emergency & Critical Care Skills:** Emergency patient assessment, triage management, airway management, cardiopulmonary resuscitation (CPR), trauma stabilization, shock management
- **Medical Procedures:** Wound suturing (hecting), injection techniques (IV/IM/SC), intravenous line insertion, urinary catheterization, incision & drainage, minor surgical excision, infusion therapy, manual assisted delivery
- **Minor Surgical Procedures:** Modern circumcision, wound debridement, abscess management, minor lesion removal

Soft Skills: Critical Thinking, Problem-solving, Teamwork, Analytical thinking, Client-centric approach

Certification:

1. [Revenue Cycle Management In Medical Billing by Udemy](#) (January 2026)
2. [Belajar DevSecOps untuk Keamanan Software by Kelas.work by kelas.com](#) (December 2025)
3. [ISO 45001: 2018 Occupational Health and Safety Management Systems by Udemy](#) (December 2025)
4. [Agile Basics for Developers, Scrum Masters & Product Owners by Udemy](#) (December 2025)
5. [Cybersecurity Solution Architecture 101 \(2025\) by Udemy](#) (November 2025)
6. [Jaringan Komputer Dasar by ID-Networkers](#) (September 2025)
7. [Certificate of Achievement](#), RevoU
8. [Advanced Cardiovascular Life Support \(ACLS\) by Indonesian Heart Association, Indonesia](#) (May 2025)
9. [Workshop Online and Private Course Hands On by Operator Sunat Indonesia \(OSI\), Indonesia](#) (July 2025)
10. [Health Corporate Hygiene \(Hiperkes\) and Occupational Safety \(KK\) Training Certificate No:77.313/X/DBK3-DH/12/III/2023 by Ministry of Manpower, Indonesia - Completed training from December 4-9, 2023 in collaboration with Universitas Muhammadiyah Semarang](#) (December 2023)