

# MUHAMMAD IRFAN DZAKY

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## About Me

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I am a proactive and adaptable full-stack web developer with hands-on experience building web-based systems using modern frameworks such as Next.js and NestJS, combined with solid skills in JavaScript, PHP, and database management. Committed to effective communication and teamwork, I excel in collaborating with diverse teams to deliver high-quality, user-friendly applications. My recent project, DRIBBLE, a futsal booking management system, showcases my ability to learn rapidly, solve complex problems, and integrate new technologies efficiently. Supported by strong self-learning, critical thinking, and the innovative use of AI tools, I continuously strive to enhance productivity and deliver impactful solutions. Motivated by a passion to grow as a remote software engineer, I aim to build a career that combines technical mastery with entrepreneurial ambitions in the tech industry.

## Education

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**RevoU** February – August 2025  
Full-Stack Software Engineer - Bootcamp  
Completed RevoU's Full-Stack Software Engineer program, learning Next.js, NestJS, and PostgreSQL. Gained practical experience working in Agile teams, participating in code reviews, and building scalable, user-friendly web applications. Improved problem-solving and collaboration skills to contribute effectively to software projects.

**Universitas Pembangunan Panca Budi** July 2020 – December 2024  
GPA: 3.89/4.00  
Bachelor of Computer Science  
Thesis: Web-Based Management Information System Design for Internship Student Report Data for Mentor (Case Study: Department of Communication and Information Technology Medan)

## Experiences

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**Intern, Medan City Department of Communication and Informatics** May – September 2023

- Developed a web-based Management Information System, centralizing the intake of internship reports and streamlining mentor-student collaboration.
- Enhanced data accessibility and tracking efficiency; improved mentor-student collaboration via a unified platform.
- Post-design evaluation (n=5): UI intuitive (100%); 80% overall satisfaction; 60% requested reporting/grouping; 40% reported mobile issues.

## Projects

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**DRIBBLE, RevoU** June – August 2025

- Developed full-stack features including user authentication, booking functionality, schedule viewing, and dashboards for field owners and admins using Next.js, Tailwind CSS, NestJS, and Prisma ORM, with most core functionalities successfully implemented despite minor bugs.
- Integrated backend APIs thoroughly tested using Postman and Swagger to ensure smooth and secure data flow; debugged and resolved integration errors with assistance from AI and team lead, maintaining effective communication for problem-solving.
- Designed and implemented a responsive user interface with simple navigation and minimalistic colors, personally tested across devices and positively reviewed by the team lead from team 2, delivering a user-friendly experience suited for non-tech savvy users.
- Independently managed the project while learning technologies in parallel, committed to delivering the best results possible through continuous adaptation and maximization of quality despite unavoidable learning curves and improvised development processes.

**Kos-Kosan gg. Family No.3, Freelance** February – July 2025

- Developed a minimalist and responsive front-end featuring real-time "Room Availability" and an online "Room Booking" system that allowed users to effortlessly check and reserve vacant rooms without visiting the location, achieving client satisfaction through timely delivery and steady progress maintained with AI assistance.

- Assisted in back-end development by ensuring smooth integration through regular testing and applying Root Cause Analysis—like troubleshooting, while maintaining effective communication via Discord and face-to-face meetings, which improved system reliability and helped quickly resolve issues.
- Identified and fixed multiple bugs using browser debugging tools and logging, leveraged AI tools for solving complex issues without breaking code, and implemented thorough testing with user-friendly error alerts to enhance the system's stability and ensure smooth feature operation.
- Collaborated closely with a teammate by clearly defining front-end and back-end roles, following Agile methodologies with regular progress meetings, and maintaining open communication to accelerate project completion and improve overall delivery quality.

#### **Absensi SDN 064037, Freelance**

February – July 2025

- Developed responsive front-end pages using HTML, CSS and Javascript for simple navigation design, featuring real-time SweetAlert notifications, which delivered a client-approved website accessible across multiple devices.
- Assisted in back-end development by applying Root Cause Analysis to troubleshoot bugs and leveraging AI Agents to resolve complex errors safely, contributing to improved system stability and smoother functionality.
- Designed a minimalistic, consistent user interface with simple navigation and subtle colors, tailored to non-tech savvy teachers, resulting in positive client feedback and an expected boost in user efficiency.
- Collaborated effectively using Agile methodology with regular meetings, working step-by-step to prioritize critical tasks early and avoid setbacks, leading to earlier-than-expected project completion and enhanced quality.

#### **Additional Information**

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##### **Technical Skills:**

- Front-End: HTML5, CSS3 (Tailwind), Javascript, Next.js, Typescript
- Back-End: NestJS, Node.js, PHP
- Database: PostgreSQL, Prisma ORM, MySQL
- Version Control: Git, Github
- Tools: VS Code, npm, Postman, Swagger, Jest

**Soft Skills:** Teamwork, Collaboration, Communication, Time Management, Critical Thinking, Problem-Solving, Adaptability

**Certification:** 1. Certificate of Achievement – Full Stack Software Engineering, Issued by RevoU

30 Aug 2025