Razan Muhammad Ihsan
Software Engineer

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Summary

Recent Software Engineering graduate with hands-on experience developing enterprise-level web applications using Laravel and CodeIgniter. Demonstrated expertise in database design and optimization with MySQL, coupled with practical deployment experience using cPanel. Committed to writing clean, maintainable code and following software development best practices. Eager to contribute to innovative projects while continuing to expand technical skills in emerging technologies. Strong English communication skills (TOEIC 840) with proven ability to collaborate effectively in professional environments.

Technical Skills

- **Full-Stack Development:** End-to-end web application development using PHP, Laravel, CodeIgniter 3, JavaScript, HTML, CSS, Bootstrap, and SQL databases
- **Database Management:** SQL database design, optimization, and administration with hands-on experience in data modeling and query performance tuning
- **System Architecture:** Design and analysis of scalable software solutions with focus on efficiency and maintainability
- **Version Control:** Git workflow management for collaborative development and code repository maintenance
- **Data Processing:** Implementation of automated data processing systems and analytics pipelines

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Professional Skills

- **Technical Leadership:** Mentoring development teams in best practices, design patterns, and development tools

- **Problem-Solving:** Analytical approach to complex technical challenges with emphasis on optimal solution delivery
- **Stakeholder Communication:** Bridge technical and business requirements through clear communication with diverse audiences
- **Technology Adaptation:** Quick adoption of emerging technologies and frameworks to meet evolving project needs

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Experience

October 2024 - December 2024

CV. ALF Solution, Bandung - *Web Developer, Graphic Designer*

- Designed custom logos, mascots, and typography solutions for diverse client requirements, delivering creative assets that aligned with brand specifications and client expectations
- Completed intensive design training program focused on advanced techniques including character tracing, item integration, line art development, and comprehensive logo design methodologies, producing 120 logo designs in the first month
- Managed consistent client project workflow, handling an average of 3 client briefs daily with minimum 2 design variations per request, successfully delivering 110 logos in the second month while maintaining quality standards
- Collaborated with development team to build ALFS OrderList database application, contributing to project through coordinated teamwork and technical problem-solving
- Demonstrated adaptability by transitioning between graphic design and web development tasks, showcasing versatility in both creative and technical skill applications

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Education

July 2023 - May 2025

IGASAR PINDAD Vocational High-School, Bandung - *Software and Game Development*

- Focus on developing enterprise-level web applications using CodeIgniter and Multimedia creation such as game, video, poster, banner, and logo
- **Relevant Coursework:** Web Development, Back-End Web Development, Front-End Development, PHP, CodeIgniter, JavaScript, HTML, CSS, MySQL, Relational Database Design & SQL, Data Engineering, Advanced Software Programming, Basic Java Programming, Mobile Apps Development, Web Applications, Game Development, Game Design, Graphic Design

Projects

1. **SiPeka (Sistem Penilaian Kinerja Karyawan)** - Employee Performance Assessment System
   - **Description:** A web-based employee performance assessment system built with CodeIgniter 3. This application allows managers to assign, track and evaluate employee tasks/job sheets while providing employees visibility into their performance metrics. Built just in 3 days for IGASAR PINDAD Vocational Competency Test 2025.
   - **Technologies:** CodeIgniter 3, MySQL Database, Bootstrap Admin LTE Theme, SweetAlert2, PHP, HTML5, CSS3, JavaScript
2. **ALFS OrderList**
   - **Description:** A system using only PHP native that supports a structured and streamlined project management process for a creative agency, tracking client projects, orders, and earnings on a daily, monthly, and yearly basis. Built for IGASAR PINDAD Vocational Competency Test 2024
   - **Technologies:** PHP, MySQL Database, Bootstrap Admin LTE Theme, SweetAlert2, HTML5, CSS3, JavaScript
3. **Infinity Works**
   - **Description:** A modern, responsive website for Infinity, one of the FR Legends community
   - **Technologies:** HTML5, CSS3, JavaScript, jQuery, Bootstrap 5, Bootstrap Icons, Google Fonts
   - **URL:** https://infinityworks.rf.gd/

Certification

1. **Pursuing a Career as a Software Developer**
   - **Issued by:** Dicoding Indonesia
   - **Issued** May 2023 - **Expires** May 2026
   - **Description:** The class is intended for beginners who want to start their career in the field of Software Developer with reference to industry competency standards. At the end of the class, students can conclude and choose a career path that suits them and understand the things they have to prepare to achieve and live that career.
   - **Credential:** https://www.dicoding.com/certificates/1OP80N8KVXQK
2. **Getting Started with Basic Programming to Become a Software Developer**
   - **Issued by:** Dicoding Indonesia
   - **Issued** May 2023 - **Expires** May 2026
   - **Description:** The class is intended for beginners who want to start learning programming in order to become a software developer with reference to the Software Developer occupational standard (occupational code KBJI: 2512.03, Indotask: 2512).

- **Credential:** https://www.dicoding.com/certificates/NVP7OQ2QRPR0
3. **Programming Logic 101**
    - **Issued by:** Dicoding Indonesia
    - **Issued** May 2023 - **Expires** May 2026
    - **Description:** The class is intended for beginners who want to start learning logic in the field of programming with reference to industry standards. By the end of the class, students will be able to understand basic programming logic and apply it in solving problems in the field of Software Developer work.
    - **Credential:** https://www.dicoding.com/certificates/72ZD80Y06ZYW
4. **Data 101**
    - **Issued by:** Dicoding Indonesia
    - **Issued** May 2023 - **Expires** May 2026
    - **Description:** The class is intended for beginners who want to learn about data in the programming field with reference to industry standards. By the end of the class, students can understand how data can be used in the basic needs that exist in the field of Software Developer work.
    - **Credential:** https://www.dicoding.com/certificates/MEPJV9JMJP3V
5. **Learn Git Basics with GitHub**
    - **Issued by:** Dicoding Indonesia
    - **Issued** May 2023 - **Expires** May 2026
    - **Description:** This class is intended for developers who want to learn code or data management using Git with GitHub in order to collaborate with other developers in accordance with industry standards. By the end of the class, students will be able to manage their own set of data or code in a GitHub repository, as well as collaborate with other developers on the same repository.
    - **Credential:** https://www.dicoding.com/certificates/JLX1D4776Z72
6. **English Proficiency Test - Score 840**
    - **Issued by:** TOEIC
    - **Issued** Aug 2024 - **Expires** Aug 2026
    - **Description:** The TOEIC (Test of English for International Communication) is a standardized English language proficiency test primarily used for professionals and companies to assess business English communication skills. It's designed to evaluate how well someone can communicate in English in an international business environment.
    - **Credential:** Link
7. **Japanese Proficiency Test - Score 60,76%**
    - **Issued by:** PT. Orion Harmoni Mandala
    - **Issued** Oct 2024
    - **Description:** This is to certify that the above person has passed the Japanese Language Proficiency Test N4 mock exam conducted by ORION HARMONI MANDALA, a P3MI certified recruitment agency and training institute.
    - **Credential:** Link