Farid Indrawan

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Profile

A Strategic & Results-Oriented Full-Stack Developer with proven leadership and communication skills. Possessing strong experience in leading and managing software development teams, supported by deep expertise in JavaScript (including front-end ecosystem) and PHP with Laravel framework for robust back-end solutions.

Highly proficient in managing multiple projects under tight deadlines, and deeply committed to software development best practices, applying design patterns, and utilizing computational concepts to deliver efficient, scalable, and high-quality solutions.

Education

[SMKN 1 Kota Bekasi West Bekasi
Software Engginering 2023 -2025
Robotics Leader
Front End Mentor for NERACODE Coding Extracurricular Program

Experience

Learn To Make Front End dicoding.com
Dicoding 05 Maret 2024 - 17 MEI 20247

- I spearheaded the development of a website project, successfully implementing a responsive and interactive front-end using HTML, CSS, and JavaScript.

- I implemented various strategies, including the use of Semantic HTML, CSS Flexbox, and JavaScript ES Modules, which resulted in a more maintainable codebase and enhanced user experience.

- I managed the creation and optimization of a website structure using HTML and CSS, ensuring compliance with web standards and achieving optimal performance across different devices and browsers.

CSS Magician smkncoding.com
Smk Coding 13 Februari 2024 - 14 Februari 2024

- Understand the components of the bootstrap framework and their functions correctly HTML, CSS, and JavaScript to create a modern, responsive, and mobile-friendly website.

- understand the concept of utility in the tailwind CSS framework and build complex designs easily

- understand the concept of variables, nesting, mixins, inheritance and features in Sass write neater and cleaner CSS code and also avoid writing repetitive code in SCSS (Syntactically Awesome Style Sheets)

Kompak Team Agency kompakteam.com
Praktek Kerja Lapangan 14 April 2024 - 14 Juli 20247

- Laravel Back-end Development: Highly proficient in designing and developing robust, scalable, and secure back-end solutions using the Laravel framework, including complex database management, API development, and business logic implementation.

- Dynamic Full-Stack Development (Livewire): Skilled in building dynamic, interactive, and real-time user interfaces for full-stack web applications, ensuring a seamless user experience with a strong focus on responsiveness and mobile-first design.

- End-to-End Web Project Management: Proven ability to design, develop, and deploy complex web projects from conception to launch, guaranteeing the quality and sustainability of applications

Projects

SIPondok

Sistem Infromasi Pondok (SIPondok): Designed to modernize and streamline pesantren operations and administration, functioning as a central digital hub.

- Comprehensive Santri Management: Manages student biodata, academic records (grades, attendance), and behavioral history, enabling effective monitoring of individual student development.

- Integrated Financial Management: Facilitates tracking of all financial transactions, including tuition, donations, salaries, and operational expenses, for accurate reporting and streamlined cash flow.

- Automated Examination & Grading System: Implements an automated system for online examinations and grading, providing instant results and accurate academic performance tracking.

- Enhanced Communication & Information Hub: Provides a platform for swift communication of announcements, activity updates, and student progress reports to santri, guardians, and teachers.

- Streamlined Online Registration: Automates new student enrollment, covering form submission, document uploads, and fee payments, significantly reducing administrative overhead.

- Automated Attendance System: Implements QR code-based attendance tracking for lessons, ensuring efficient and accurate record-keeping.

MFH Akademi

Designed and developed an innovative Islamic learning application to provide easy and structured access to various Islamic sciences for users of all levels, focusing on personalized, interactive, and measurable learning experiences.

- Adaptive Tiered Curriculum: Implemented a categorized curriculum (e.g., Aqidah, Fiqh, Hadith, Qur'an, Sirah Nabawiyah, Arabic Language) tailored for beginner, intermediate, and advanced levels, ensuring personalized learning paths.

- High-Quality Multi-format Content: Features video lectures and tutorials from leading Islamic scholars, enhanced with engaging visualizations for improved comprehension and retention.

- Integrated User Profile Management: Manages comprehensive user account information, course history, and learning achievements, providing a clear overview of their educational journey.

- Learning Progress Tracker: Provides detailed tracking of user progress, including completed chapters, quiz scores, and study duration, to motivate users towards their learning goals.

- Interactive Course Review System: Enables users to rate and provide feedback on courses, fostering continuous improvement in content and the learning experience.

- Smart Search Functionality: Facilitates quick access to relevant information by allowing users to efficiently search for specific topics or terms across the entire content database.

- Favorite/Selected Course List: Offers users the option to curate and save a list of preferred or interesting courses, streamlining access to material aligned with their interests.

SUDAKAH

Surat Undangan Pernikahan (SUDAKAH). Interactive Digital Wedding Invitation Platform: Designed as a mini-website to narrate your love story and provide comprehensive guest information, moving beyond traditional static invitations.

- Interactive Web-Based Wedding Invitations: Developed comprehensive digital wedding invitations functioning as mini-websites that not only convey essential event details but also tell the couple's unique love story. This includes customizable themes, integrated pre-wedding photo/video galleries, and optional background music to create an immersive and personalized guest experience.

- Advanced Event Management & Guest Engagement Features: Implemented robust functionalities for seamless event coordination, such as interactive maps (Google Maps/Waze links) for effortless venue navigation, and a digital RSVP system for guests to confirm attendance directly. Additionally, it incorporates engagement tools like a countdown timer, a digital guestbook for well wishes, and options for digital gift registries/cash envelopes, streamlining both planning and guest interaction.

- Flexible & Eco-Friendly Solution with Centralized Data: Designed as a cost-effective and environmentally conscious alternative to traditional invitations, enabling rapid distribution via multiple channels (WhatsApp, email, social media). Its flexible architecture allows for easy, real-time updates to event details, while the integrated RSVP feature centralizes guest data, providing organizers with accurate attendance figures and facilitating efficient post-event analysis.

Lytheria SMP

Lytheria Server Multiplayer (SMP). Interactive Minecraft Server Community Website Developed as a central hub for players to foster interaction, build loyalty, and provide comprehensive information for a Minecraft server.

- Dynamic Homepage & Server Status: Features a comprehensive homepage displaying real-time server status (online/offline, player count, version), crucial announcements and upcoming events, and quick links to essential platforms (Discord, forums, store). This provides immediate, vital information to players.

- Transparent Server Rules & Guidelines: Established a dedicated section detailing comprehensive server rules and violation sanctions, ensuring a fair and clear gaming environment and preventing misunderstandings among players.

- Secure In-Game Store Integration: Developed a fully functional donation store offering premium ranks, cosmetic items, and in-game perks. Features secure payment method integration and an automated transaction support system for seamless in-game item delivery, supporting server operations.

- Engaging Multimedia Gallery & Player Highlights: Provides a platform for players to upload screenshots and videos of their creations and moments. Also highlights content from community streamers/YouTubers, fostering creativity and showcasing the server's vibrant atmosphere.

- Staff Directory & Player Statistics: Includes a transparent staff listing (admin, mods, builders) with their roles, building trust and easy identification. Features a leaderboard for player statistics (playtime, kills, blocks destroyed), promoting healthy competition and player engagement.

- Seamless Third-Party Integrations: Incorporated essential third-party widgets and links, such as a Discord server widget for real-time chat visibility and "Vote for Top Server" links, enhancing community connectivity and server visibility.

- 24/7 AI Assistant Integration: Incorporated a 24-hour AI assistant to provide instant support for common player inquiries, troubleshoot basic issues, and guide users through website features, significantly enhancing user experience and reducing manual support load.

SMK BRAWL

Led the development of "SMK Brawl," an immersive action-adventure game that blends intense combat with a deep narrative about a young protagonist's journey for peace amidst high school challenges.

- Dynamic Main Menu: Designed an intuitive interface featuring dynamic visuals and providing quick access to Story Mode for narrative progression and Combat Mode for instant action. This includes comprehensive audio and visual settings controls for a personalized player experience.

- Responsive Combat System: Developed a core combat mechanic supporting fluid combinations of attacks, blocks, and dodges, ensuring precise and satisfying gameplay. The system features diverse enemy types (gangster upperclassmen) that demand strategic approaches.

- Engaging Story Mode & Character Evolution: Crafted a compelling narrative following a reformed former gangster as he adapts to a new vocational school, haunted by his past. The story showcases the protagonist's evolution from conflict avoidance to a powerful protector, driven by challenging missions and intricate conflicts that unveil the hidden power dynamics within the school.

CODEHUB

CODEHUB Developed an accessible, interactive, and engaging mobile application designed for coding education, suitable even for beginners.

- Structured Curriculum & Offline Access: Offers a comprehensive, structured curriculum with learning materials that can be accessed and read in offline mode, ensuring continuous learning without an internet connection.

- Free Learning Content: Provides free access to core learning materials, making coding education universally available and removing financial barriers for aspiring developers.

SmartHome System IOT

Smart Home System (ESP32 & Google Home Integration): Developed an intelligent home automation system for seamless control of appliances (lights, fans) via ESP32 microcontrollers, fully integrated with Google Home for voice and app control.

- Kontrol Perangkat Berbasis ESP32: Mengimplementasikan *firmware* kuat pada ESP32 untuk kontrol perangkat yang presisi dan andal (lampu, kipas), memastikan manajemen daya yang efisien.

- Integrasi Google Home: Mencapai kontrol tanpa hambatan melalui perintah suara dan aplikasi Google Home, memberikan pengalaman pengguna yang intuitif..

- Pemantauan Real-time & Otomatisasi: Mengaktifkan pemantauan status perangkat secara *real-time* untuk umpan balik instan dan mengembangkan rutinitas otomatisasi yang dapat disesuaikan untuk kenyamanan dan efisiensi energi yang lebih baik.

- Desain Skalabel & Aman: Merancang arsitektur yang skalabel untuk ekspansi di masa mendatang dan memprioritaskan protokol keamanan untuk kontrol perangkat yang aman dan terotorisasi.

Additional

Programming Skills

- Programming Language: JavaScript (ES6+), HTML5 & CSS3, PHP, Laravel, Livewire,Bootstraps,Tailwind
- Tools: Git & GitHub, Visual Studio Code, Arch Linux, VIM

Technical Skills

- Responsive Web Design
- Cross-browser Compatibility
- Performance Optimization

Interests/Hobbies

- Contributing to Open Source Projects
- UI/UX Design
- Reading Tech Blogs