

Eng- Mohammed Al Shurafa

Personal Information

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My portfolio:

<https://mohammed2808219.github.io/My-portfolio/>



Web Developer

Profile

I am a highly motivated and skilled Computer Science student at the University of Lampung, specializing in Software and Web development. As a fast learner and hard worker with a strong sense of responsibility, I am actively seeking an Internship opportunity to further expand my knowledge and skills in the field of technology.

- **Fast Learner:** Throughout my academic journey and previous work experiences, I have demonstrated a remarkable ability to quickly grasp new concepts and technologies. This enables me to adapt efficiently to challenging projects and stay up-to-date with the latest industry trends.
- **Hard Worker:** With a strong work ethic, I approach every task with determination and commitment. I thrive in dynamic environments and remain focused on delivering high-quality solutions to meet project goals and deadlines.
- **Responsibility:** Taking ownership of my work is of utmost importance to me. I understand the significance of reliability and accountability in achieving success, and I always strive to deliver results that exceed expectations.

Education

may 2019 - may 2023

Computer science | University lampung

- **Bachelor's Degree in Computer Science (Completed - University of Lampung):**

I am proud to have successfully completed my Bachelor's degree in Computer Science at the University of Lampung, graduating with a commendable GPA of 3.8/4. Throughout my academic journey, I focused on honing my skills in programming languages, algorithms, and software engineering principles, establishing a solid foundation for my career as a technology professional.

During my studies, I actively participated in challenging coursework and engaged in hands-on projects that provided practical insights into real-world problem-solving. This exposure has further ignited my passion for technology and motivated me to stay up-to-date with the latest advancements in the field.

My academic achievements reflect my dedication to excellence and my commitment to continuous learning. I am excited to leverage the knowledge and expertise gained during my education to contribute effectively to innovative projects and excel in the professional world.

Achievements

1. Automated WhatsApp Messaging: Developed and implemented an automated messaging module via WhatsApp, resulting in improved customer engagement and streamlined communication processes.
2. Boom Information Module: Successfully designed and deployed the Boom Information module, optimizing data retrieval and enabling faster decision-making processes.
3. Mobile Application Integration: Leveraged Odoo's API to seamlessly connect the Honda system with a mobile application, ensuring real-time data synchronization and a seamless user experience.
4. Document Management System (DMS) for Company: Collaborated with esteemed faculty members to create an efficient DMS website, incorporating features such as document upload, version control, and user access control.
5. Hospital Website Development: Successfully completed the development of a comprehensive hospital website, incorporating modules such as "Perawat," "Obat," "Antrian," "Medic," "Kartu Keluarga," and "Daftar Pasien." The website optimized hospital operations and enhanced patient care through seamless data management and process automation.
6. Bachelor's Degree in Computer Science: Graduated with a GPA of 3.8/4 from Lampung University, showcasing academic excellence and commitment to high grades.
7. Fluent in Indonesian Language: Possessing the ability to speak, understand, and write Indonesian, facilitating seamless communication in a professional setting.
8. AMIDEAST Language Course: Successfully completed six levels of AMIDEAST language course, further enhancing language proficiency and cross-cultural communication skills.
9. Web Developer at Sevima Company: Accumulated 6 months of hands-on experience in Laravel and PHP, contributing to the development of web applications.
10. 3 Years of PHP Experience: Demonstrated expertise in PHP, honed over three years of continuous work in the field of web development.
11. 1 Year of Odoo Experience: Gained valuable experience working with Odoo, strengthening skills in Odoo development and implementation.

Experience

april 2023 - july 2023

Website Development Project

Document Management System (DMS) for Company:

During my academic journey, I collaborated with esteemed faculty members to develop a comprehensive Document Management System (DMS) for a company. This impactful project involved creating an efficient and user-friendly platform to manage critical documents and streamline organizational workflows.

The DMS website encompassed a range of essential features and functionalities, empowering the company with seamless document management and organization. Some of the key menu items and

modules I contributed to include:

Document Upload and Categorization: Developed a module that allowed users to securely upload documents and categorize them based on their content, ensuring easy retrieval and organization.

Version Control and Revision History: Implemented version control capabilities to track document changes, enabling users to maintain a detailed revision history for improved document management.

User Access Control: Designed a robust access control system to manage user permissions, ensuring data confidentiality and compliance with organizational policies.

Search and Retrieval: Created a powerful search functionality to enable quick and efficient retrieval of documents based on keywords or metadata, enhancing user productivity.

Collaboration and Commenting: Integrated collaboration tools that facilitated real-time document review and commenting, promoting seamless teamwork and efficient decision-making.

Notifications and Alerts: Implemented an alert system that notified users of document updates, pending approvals, or important deadlines, ensuring timely actions and follow-ups.

Dashboard and Analytics: Developed an intuitive dashboard to provide insights into document usage, user activities, and system performance, facilitating data-driven decision-making.

Developed DMS website using:

Laravel (Back-end), PHP (Data processing), MySQL (Database), Bootstrap (Responsive UI), jQuery (Dynamic interfaces)

July 2022 - June 2023

PT Tunas Dwipa Matra

During my tenure as an IT Staff at PT Tunas Dwipa Matra, I successfully completed over 50 tasks and developed multiple modules that significantly contributed to the enhancement of the Honda system. Some of the key modules I created include:

1. **Automated Message Sending via WhatsApp:** Implemented an automated messaging module that enabled the Honda system to send personalized messages via WhatsApp to customers. This led to improved communication efficiency and increased customer engagement.

2. **Boom Information Module:** Designed and deployed a comprehensive Boom Information module that efficiently managed and presented crucial data. This module streamlined information retrieval, resulting in quicker decision-making processes.

3. **Mobile Application Integration using Odoo API:** Utilized Odoo's powerful API to seamlessly integrate the Honda system with the mobile application. This integration facilitated real-time data synchronization and provided users with a seamless experience across platforms.

4. **Inventory Management System:** Developed an intuitive and user-friendly inventory management module that allowed PT Tunas Dwipa Matra to track and optimize stock levels effectively. The system led to reduced inventory holding costs and improved supply chain efficiency.

5. **Customer Support Ticketing System:** Created a ticketing system that streamlined customer support processes, enabling efficient tracking and resolution of customer issues. This system resulted in improved customer satisfaction and retention.

6. **Sales Performance Analytics:** Designed a sales performance analytics module that provided valuable insights into sales trends and individual performance metrics. This data-driven approach enhanced sales strategies and boosted overall sales performance.

7. **User Authentication and Access Control:** Implemented a robust user authentication and access control system to ensure data security and prevent unauthorized access to sensitive information.

8. **Dashboard and Reporting Tools:** Developed interactive dashboards and reporting tools that allowed PT Tunas Dwipa Matra to visualize and analyze critical data, facilitating informed decision-making at all levels of the organization.

9. **Performance Optimization:** Conducted performance optimization tasks, identifying and resolving bottlenecks to ensure the Honda system operated at peak efficiency.

Throughout these projects, I effectively utilized a wide range of technologies, including Odoo, Python, XML, and PostgreSQL, while adhering to industry best practices and coding standards. My contributions played a vital role in streamlining operations, improving user experiences, and fostering the overall growth of PT Tunas Dwipa Matra.

July 2022 - September 2022

Lampung University

Project for Lampung University - Hospital Website:

During my time at Lampung University, I undertook a significant project in collaboration with esteemed faculty members. The project involved the development of a comprehensive hospital website, aptly named "Hospital." As a key contributor, I successfully designed and implemented essential modules that streamlined hospital operations and improved patient care.

Throughout the development of the Hospital website, I skillfully utilized cutting-edge technologies to ensure a seamless and robust platform. The technology stack involved:

Odoo 16: Leveraging Odoo, a versatile and powerful ERP platform, allowed for modular development and easy customization of hospital processes.

Python: I employed Python, a widely-used programming language, to create efficient and scalable functionalities.

Postgres: As the database management system, Postgres ensured the secure storage and retrieval of critical hospital data.

XML: I utilized XML for data structure and presentation, ensuring compatibility with Odoo's framework.

Collaboration and Project Source:

This ambitious project was initiated and supervised by esteemed faculty members at Lampung University. I successfully collaborated with my professors and , ensuring the project's alignment with academic and industry standards. The opportunity to work on a project of such magnitude under the guidance of my professors provided invaluable hands-on experience, fostering personal and professional growth.

January 2022 - June 2022

PT. Sentra Vidya Utama

- **Web Developer Team Member (PT. Sentra Vidya Utama):**

During my tenure at PT. Sentra Vidya Utama, I served as a valuable member of the Web

Development team. My primary focus was on developing innovative solutions to enhance the university's website, Siakadu. One of my significant accomplishments during this role was creating a module named "Sign." This module revolutionized the way transcripts and certificates were processed within the university.

Sign Module - Electronic Signature for Transcripts and Certificates:

The "Sign" module, developed using a combination of Sevima, PHP, HTML, Bootstrap, and PostgreSQL, revolutionized the process of issuing electronic signatures for transcripts and certificates within the Siakadu system. This transformative solution brought numerous benefits to the university's administrative operations and academic processes.

Enhanced Document Security: By implementing electronic signatures, we bolstered the security of academic documents, reducing the risk of forgery and unauthorized alterations.

Time and Resource Savings: The Sign module dramatically reduced administrative burden by automating the signature process, leading to faster document issuance and increased operational efficiency.

User-Friendly Interface: I ensured that the module had an intuitive interface, making it easy for both administrators and students to request and access digitally signed transcripts and certificates.

Collaboration and Communication: Throughout the development process, I collaborated closely with stakeholders, including university staff and management, to understand their requirements and deliver a tailored solution that met their needs.

My contribution to PT. Sentra Vidya Utama's Web Development team not only showcased my technical skills but also my ability to understand complex requirements and deliver practical solutions. I take pride in having been part of a project that significantly improved the university's administrative processes and enhanced the overall user experience for students and faculty.

April 2021 - June 2021

PT.Indonesia Teknologi Preneur

- **Web Programmer (PT. Indonesia Teknologi Preneur):**

In my role as a Web Programmer at PT. Indonesia Teknologi Preneur, I played a key role in the development of web applications for the company.

Web Application Development for PT. Indonesia Teknologi Preneur:

As a Web Programmer, I was responsible for crafting dynamic and user-friendly web applications that catered to the unique needs of PT. Indonesia Teknologi Preneur. My contributions in this role showcased my proficiency in a variety of technologies and my ability to create impactful solutions.

Full-Stack Development: I engaged in end-to-end development, utilizing a combination of front-end technologies (HTML, Bootstrap) for intuitive user interfaces and back-end technologies (PHP, MySQL) for robust functionality.

Skills

- LANGUAGES SKILLS

Arabic

English

Indonesia

- TECHNICAL SKILLS

Microsoft Office

java

c++

python

HTML

CSS

Postgres

Bootstrap

codeigniter4

PHP

android (java)

Laravel

Javascript

Wordpress

API

GIT

Odoo

Mysql