

MUHAMMAD DARMAWAN

✉ muhammaddarmawan1999@gmail.com

in <https://www.linkedin.com/in/muhammad-darmawan-595420227/>

PROJECT EXPERIENCE

Thesis; Pekanbaru City, Riau Province, Indonesia

April 2023 - June 2024

- Developed a web app for managing cost and schedule for civil construction projects using Vue.js and Express.js.
- Implemented a recommendation system for construction material to be used at project tasks using the Differential Evolution algorithm.

Internship; Pekanbaru City, Riau Province, Indonesia

July 2020 - December 2021

- Built an optional course scheduling web app for the Civil Engineering faculty using Laravel and Vue.js (SPA/MPA hybrid).
 - Multi-level user authentication (Admin, Staff, Student).
 - Integrated a simple forum for staff-student communication.

WORK EXPERIENCE

Department of Population and Civil Registration - Back Office Employee;

Pekanbaru City, Riau Province, Indonesia

September 2022 - Present

- As one of Social Media Officer, Assisted 150 to 250 users per week in navigating the department's apps, resolving inquiries, and ensuring successful submission of citizenship-related documents.
- Identified and reported recurring user challenges, resulting in the implementation of documentation or guides that reduced app-related complaints by 67%.
- Created user-friendly guides and step-by-step instructions for app functionality, improving user satisfaction as measured in our public satisfaction survey.

Islamic University of Riau - Laboratory Assistant;

Pekanbaru City, Riau Province, Indonesia

September 2019 - July 2021

- Teaching juniors on practicum lessons: C++, DBMS, MySQL, Python, Matlab, PHP. Guided and mentored up to 150 students per semester, ensuring their understanding of programming concepts and practical implementation of programming basics.
- Debugged and resolved coding issues from students, achieving an average resolution time of 1 to 2 minutes per issue, making sure that i can proceed to teach one to two more source codes by the length of time given for my class.
- Designed teaching materials and exercises used for my classes and for few fellow lecturer assitant, receiving positive feedback from students, associates, and lecturers.

EDUCATION

Islamic University of Riau, Engineering Faculty | Bachelor of Informatics Engineering

Pekanbaru City, Riau Province, Indonesia

September 2017 - June 2024

Concentration: Artificial Intelligent | GPA: 3.75 / 4.0

Public Vocational High School 2 Pekanbaru | Graduate of Computer Software Engineering Major

Pekanbaru City, Riau Province, Indonesia

July 2014 - June 2017

SKILL & INTERESTS

Interests: Photography, Music, Gaming, Badminton

Tech Stack: C++, Python, PHP, JavaScript, HTML, CSS, MySQL, Laravel, VueJS, ExpressJS