

Farhan Tirta Kesumah

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I am a final-year student at Telkom University with a deep interest in web development. During my college years, I have been actively involved in various website development projects, especially as a back-end developer. In those projects, I use the ExpressJS and Laravel frameworks to develop applications. In addition, I also have experience in managing databases, both relational, such as MySQL, and non-relational such as MongoDB.

WORK EXPERIENCE

Business Intelligence - Intern

PT. Socfin Indonesia, Medan

July – September 2023

- Successfully created SQL syntax with Microsoft SQL Server properly.
- Developed five dashboards that help in monitoring and analyzing oil palm plantations with Tableau.

PROJECT

- **Heatify**, a web-based platform designed to enhance the educational experience by allowing students to access study materials and take quizzes online. It enables teachers to monitor and assess student learning outcomes in real-time.
 - Designed and implemented front-end and back-end functionalities using Laravel, TailwindCSS, and MySQL.
 - Implemented user authentication and role-based authorization.
- **Design My Ware**, multi-platform application (website and mobile) allows users to customize items according to their wishes, such as adding images to clothes, bottles, and various other items.
 - Implemented user authentication and role-based authorization.
 - Developed the back-end and front-end of the admin page to view all transactions.
 - Used a public API for tracking shipments.
- **LelangKu**, a web-based platform that provides goods auction services, allowing users to buy and sell various goods through a transparent and easily accessible auction process.
 - Contributed to front-end and back-end functionalities using ExpressJS, TailwindCSS, Bootstrap, and MongoDB.
 - Built an auction process between seller and buyer users.
 - Developed the back-end and front-end of the admin page to view all transactions.
 - Implemented user authentication and role-based authorization.

EDUCATION

Machine Learning Cohort, Bangkit Academy, Online

February – July 2023

- Learning machine learning using Python, specifically with TensorFlow, under the guidance of an experienced mentor.
- Collaborating with 5 other students to develop an application aimed at solving MSME problems by forecasting market needs.

Informatics, Telkom University, Bandung

August 2020 – Now

- GPA: 3.85
- Data Structure Lecturer Assistant, I successfully explained and helps students understand data structures using C++.
- Programming Algorithm Practicum Assistant, I successfully explained and helped students understand basic algorithms using Golang.