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EDUCATION

•Student of Computer Science

Universitas Multimedia Nusantara

2021-present

CGPA: 3.84 | GPA: 4

EXPERIENCE

•Data Engineer at PT Bank Jago Tbk

August 2024 - Present

A technology-based bank that creates life-focused financial services

offline

- Developed Big Data pipeline for Jago App.
- Provisioned infrastructure with Teraform.
- Technology Used: Airflow, DBT, Python, Teraform.

•Software Engineer at Agile Technica

January 2024 - June 2024

Digital company, providing ERP system and custom software development for business

offline

- Develop robust **ERP** and **CRM** software to fulfil client needs using Frappe and ERPNext.
- Integrate ERP into various tools such as **Metabase** and other internal BI tools.
- Adapt to other various knowledge domain such as **accounting** and **animal science**.
- Successfully reduce time complexity of recalculation function from linear to constant resulting in decreased iops and cpu usage on several accounting sub-module.
- Release and maintain production site at **AWS**, **Digital Ocean**, **Frappecloud**.
- Technology Used: Frappe, ERPNext, Python, AWS, Digital Ocean Frappecloud, Redis, Node.js.

•Founder of Renara House

August 2023 - March 2024

A freelance team/agency with 20+ team members for software and web solution for business

hybrid

- Successfully completed over 7+ client websites/software in its first year.
- Adapt to various frameworks and features according to client needs and use cases.
- Skill Involved: Communication, Software Development, Leadership.

•Laboratory Assistant for Internet Technology Subject

February 2023 - June 2023

Introduction Technology Subject mainly teach about **HTML**, **CSS**, **JavaScript**, and **React.js**.

offline

- Guiding and teaching a diverse group of 40+ individuals.
- Successfully guiding students to develop web application with React.js

•Website Division Lead of UMN Festival 2023

January 2023 - December 2023

Biggest festival in UMN, aim to celebrate 17th UMN birthday

offline

- Led 5+ team members, including several web developer and UI/UX designer.
- Successfully develop system to Serve more than 200+ user for event registration phase.
- Develop over 10+ website pages.
- Integrate user registration data with **Google Sheet API** for easier analysis.

•Coding Instructor for Santa Ursula School BSD & Harapan Bangsa School Pondok Cabe

June 2023 - present

Mainly teach about flowchart concept, pseudo code, and web development.

offline

- Guiding and teaching a diverse group of 40+ individuals.
- Developed a curriculum that catered to diverse learning styles and abilities.
- Successfully guiding students to understand the concept of flowchart on the first 1 weeks.
- Built interactive learning activities such as **Kahoot Quiz** and **CSS battle**.

•Chief Executive of INARA 2022 by RUMPIN UMN

June 2022 - December 2022

A charity event by RUMPIN UMN, aimed at educating disadvantaged children.

offline

- Orchestrated and supervised a diverse team of 80+ members across 10 divisions, fostering collaboration, and ensuring seamless event execution.
- Collect 10 million+ Rupiah and donate it to Roemah Tawon, an educational organization for disadvantage children.
- Transformed the event from an online format to an engaging offline experience, enhancing community engagement and broadening the reach of the initiative.

PROJECTS

•WasteNot: Smart Waste Bank Management App

August 2023 - January 2024

Garuda Hacks 5.0

GitHub Repository

- Developed a waste bank management solution to optimize waste collection and reduce environmental impact.
- Designed and deployed a user-friendly web interface with **Next.js** for monitoring and managing nearby waste bank.
- Technology Used: MongoDB, Prisma, Next.js

•Kantong Neko: Neobank Digital Child Bank App

August 2023

First runner-up team at Technoscape Hackathon 2023

GitHub Repository

- Developed a digital banking application aimed at children, featuring educational financial tools and parental controls.
- Designed an intuitive user interface with React.js, enhancing user experience for children and parents.
- Collaborated with a cross-functional team to deliver a functional MVP within a tight deadline.
- Technology Used: Laravel, React.ts, MySQL, Inertia.js

•UMN Art and Design Faculty Laboratory Loan Management System

August 2023 - January 2024

Project Manager and Fullstack Developer work for UMN Art and Design Faculty Laboratory

- Led and directed a team of 10 developers, also took part in project as fullstack developer and develop the main feature from the app
- Utilized **Inertia.js** to seamlessly connect **Laravel** and **React** as a monolith architecture, resulting in a significant improvement in development time. Development time was reduced by more than 20% compared to utilizing a traditional REST API compared to previous project.
- Technology Used: Laravel, React.ts, MySQL, GraphQL, Kotlin, Inertia.js

•Content Management System Website for Homiku Living

September 2023 - March 2024

Homiku Living is a business that works on Interior design and built.

- Implemented a semi e-commerce system to assist users in calculating product estimation prices and then notified admin to follow up the customer.
- Developed a blogging system to enable copywriters to create a wider variety of content.
- Created a custom content management system to manage displayed content and items on the website.
- Technology Used : Laravel, React.ts, MySQL, Inertia.js.

•Sentiment analysis Machine Learning Model for Presidential elections 2024

August 2023 - September 2023

a machine learning project to help .

- Scraped data from Instagram.
- Trained the model with **ensemble learning algorithm** to help boost accuracy in order to provide best result
- Evaluated the model accuracy with cross-validation and several evaluation technique.

•Content Management System Website for PT. Gemah Naverindo Abadi

September 2023 - October 2023

Gemah Naverindo Abadi is a business specializing on outsourcing.

- Responsible on implementing design from UI/UX designer.
- Create easy access content management system to help admin manage website content.
- Technology Used: React.ts, Laravel, MySQL, Inertia.js.

•Medang Lestari Housing Complex Security Reporting System

April 2023 - November 2023

Fullstack Developer work for Medang Lestari Housing Complex.

- Streamlined shift result reporting for Lestari's security personnel, enhancing transparency and safety.
- Enabled easy access to report results via web apps for security staff
- Technology Used: Laravel, React.ts, MySQL.

•Perfume Selection App using AHP and TOPSIS algorithm

January 2023 - October 2023

Part of UMN Research program.

- Implemented **AHP** and **TOPSIS** to predict the best perfume recommendation for male users.
- Enabled users to receive perfume recommendations based on their input criteria.
- Technology Used: React.ts, Laravel, REST API, MySQL.

ACHIEVEMENTS

- UMN Achievement Scholarship Awardee** *January 2023 - July 2023*
Recognized for academic excellence and outstanding achievements as top ten best GPA, I was honored to be awarded the UMN Achievement Scholarship during my fifth semester at the Universitas Multimedia Nusantara.
- Representative and Finalist of UMN in HUAWEI ICT Global Competition 2023** *November 2023 - January 2024*
International AI competition held by HUAWEI
- Symbol of Appreciation UMN 2023 Awardee** *December 2023*
An Awards to appreciation from UMN to outstanding UMN students
- International Journal of Science and Technology Management (IJSTM) Publication** *December 2023*
Successfully submit International Publication on IJSTM titled "Men's Perfume Recommendation System Using Analytic Hierarchy Process (AHP) and Technique for Order of Preference by Similarity to Ideal Solution (TOPSIS) Method"
- International Journal of Research and Review (IJRR) Publication** *January 2023*
Successfully submit International Publication on IJRR titled "UMN Sims: Development of Student Life Simulation Game to Introduce Onsite Campus Activities using React.js"
- Runner up of Hackaton by Technoscape 2023** *August 2023*
Technoscape is the biggest tech event held by Binus University
- KAMI UMN Scholarship 2023 Awardee** *January 2023 - June 2023*
KAMI UMN Scholarship, exclusively for selected UMN students