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EDUCATION

•**Student of Computer Science**   *2021-present*
Universitas Multimedia Nusantara   CGPA: 3.81

PROJECTS

•**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.

EXPERIENCE

•**Software Developer Intern at Agile Technica**   *January 2024 - present*

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.
- 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.
- Release and maintain production site at AWS, Digital Ocean, and 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 within a record-breaking four-month timeframe.
  - Adapt to various frameworks and features according to client needs.
  - 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. offline
  - Guiding and teaching a diverse group of 40+ individuals.
  - Successfully guiding students to develop web application with React.js

- **Website Coordinator 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.

- **Coding Instructor for Santa Ursula School & Harapan Bangsa School** *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, resulting in a 98% student retention rate.
  - Successfully guiding students to understand the concept of flowchart on the first 3 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.

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 at the KOICA Discussion Forum 2023: AI & Smart Factory** *November 2023*

  Privileged to serve as the UMN representative at the EPISODE Hotel, discussing the future and impact of AI & Smart Factory. Korea International Cooperation Agency (KOICA) is a government agency of the Republic of Korea (South Korea) responsible for providing official development assistance (ODA) to promote sustainable economic and social development in partner countries.

- **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 BNCC Binus

- **KAMI UMN Scholarship 2023 Awardee** *January 2023 - June 2023*

  KAMI UMN Scholarship, exclusively for selected UMN students