



# JEREMY MARVEL

081289945325 | jerrover@gmail.com | <https://www.linkedin.com/in/jeremy-marvel/> | jeremymarvel.vercel.app

Versatile Informatics undergraduate specializing in Software Engineering (Web & Mobile) with a focus on Scalability and R&D. Successfully engineered high-traffic platforms serving 2,000+ users, developed Computer Vision (AI) models for mobile platforms, and digitized complex operational business workflows. Combines robust technical skills in React/TypeScript, Kotlin, and Laravel with adaptive proven leadership capabilities in managing cross-functional teams and full-cycle project delivery. Eager to learn new skills and adapt to meet industry standards.

## WORK EXPERIENCE

### Orientasi Mahasiswa Baru UMN 2025 - Tangerang

Feb 2025 - Oct 2025

UI/UX Designer & Frontend Developer | React.js, JavaScript, TypeScript, Tailwind CSS

- Engineered scalable frontend solutions using React (TypeScript) and Tailwind CSS, ensuring type safety, component reusability, and maintainable code documentation.
- Conducted UI/UX research and development to build relevant, user-centric interfaces for UMN's 2025 Orientation Program, successfully serving over 2,000 incoming freshmen.
- Performed comprehensive system testing and performance optimization across devices, ensuring layout stability and a seamless user experience.

## EDUCATION

### Universitas Multimedia Nusantara, Tangerang

Aug 2023 – Aug 2027 (Expected)

Bachelor of Informatics

GPA 3.51 of 4.00

Activities: VIT-C Manifest UMN 2023, UMN Festival 2024, OMB UMN 2025

## PROJECTS

### "DermaMind App (Skincare AI)" - Mobile App Programming Project

Sept 2025 – Dec 2025

Lead Mobile & Machine Learning Engineer | Kotlin, TensorFlow, Python

- AI/ML Engineering: Engineered a custom Computer Vision model using TensorFlow (EfficientNetV2), performing various data analysis and hyperparameter tuning to achieve 85% accuracy in skin condition classification.
- Mobile Integration (R&D): Developed the native Android application using Kotlin and integrated the model via TensorFlow Lite, optimizing inference speed to ensure low-latency offline performance on mobile devices.
- Innovation: Solved a practical healthcare challenge by merging Artificial Intelligence with mobile technology.

### "Aero Hexagonal" – Web-Based Operational Management System

Oct 2024 – Dec 2024

Project Lead & Fullstack Developer | Laravel, MySQL, Chart.js

- System Architecture: Engineered a comprehensive operational platform digitizing manual workflows, consisting of Inventory Management, Financial Reporting, and HRM modules (Payroll & Attendance).
- Data Analytics: Designed automated data visualization dashboards (daily/monthly graphs) to transform raw operational data into actionable business insights.
- Impact: Successfully deployed the system to replace legacy manual recording, significantly reducing data redundancy and enhancing operational efficiency for the business owner.

### "Dewi Jateng" – Culture Education Platform

March 2024 – Apr 2024

Project Manager & Frontend Engineer | React.js, JavaScript

- Strategic Management: Managed the project timeline and technical deliverables using Agile methodologies, ensuring on-time delivery of the web-based education platform.
- Technical Leadership: Architected the frontend structure using React.js, establishing coding standards and reusable component libraries for the team to ensure consistent UI rendering.

## ORGANISATIONAL EXPERIENCE

### Multimedia Face of Music (MUFOMIC) - Tangerang, Indonesia

Nov 2024 – Nov 2025

Secretary | Audio Engineer | Music Director

- Operational Leadership: Restructured administrative workflows and internal communication protocols across 5 divisions, significantly increasing organizational efficiency.
- Technical Operations: Managed complex audio signal flow and troubleshooting for live productions, ensuring zero-downtime and high-fidelity output under high-pressure environments.

- **Team Management:** Led the creative team through intensive rehearsals to refine arrangements, ensuring the final performance met professional artistic standards.

### **UMN Festival 2024 & VIT-C Manifest 2023**

Aug 2023 - Nov 2024

#### *Accommodation*

- Managed end-to-end logistics and hospitality for high-profile guest stars and performers, ensuring punctuality and service excellence.
- Coordinated with external vendors and venues to secure accommodation requirements, resolving on-site operational issues swiftly.

### **Youth Christmas Celebration GBI WTC PC 2023 - Tangerang, Indonesia**

Oct 2023 - Dec 2023

#### *Head of Event*

- Led a committee of 20+ members to orchestrate a medium-scale event for 50+ attendees, overseeing the entire lifecycle from budgeting to execution.
- Directed the creative and operational vision, ensuring the event met its objectives while managing resources and timeline effectively.

## **LANGUAGES AND SKILLS**

---

- **Languages:** Bahasa Indonesia (Native), English (Intermediate)
- **Technical Skills:** React, Next.js, TypeScript, Tailwind CSS, Python, TensorFlow, PHP, Laravel, MySQL, JavaScript, Kotlin, Java.
- **Certifications:** HCIA-AI V3.5 (Huawei), HCIA-openGauss (Huawei), Python Intermediate (Sololearn).
- **Soft Skills:** Adaptability, Strategic Planning, Team Leadership, Mentoring, Public Speaking, Analytical Thinking, Problem Solving.