

RICHARD TANDEAN

082372736367 | richard123tandean@gmail.com

richardtandean.my.id | linkedin.com/in/richardtandean | github.com/RichardTandean

Alloggio West 6 No 19, Pagedangan, Tangerang

I am a passionate and skilled Full Stack Developer with experience in JavaScript and Typescript as my primary language, PHP, and Python, as well as expertise in IoT, computer networking, and system architecture. Currently, I am an unofficially graduated student pursuing a Bachelor of Engineering in Computer Engineering at Multimedia Nusantara University, expected to graduate in June 2025. In addition to my technical abilities, I have strong soft skills, including communication, public speaking, teamwork, and the ability to work under pressure. I am eager to continuously learn, innovate, and contribute to impactful projects that align with my passion for technology.

Education

Multimedia Nusantara University – Tangerang, Indonesia
Bachelor Degree in Computer Engineering, 3.54/4.00

Aug 2021 – Jun 2025

SMK Unggul Sakti – Jambi, Indonesia
High School Diploma in Multimedia

July 2018 – May 2021

Work Experience

PT Maro Anugrah Jaya – Tangerang, Indonesia
Fullstack Developer Contract

Desember 2024 – May 2025

- Developed MIRA (Maro Integrated Resource App), a CRM application, using **Expo React Native** and **Express.js** to streamline business processes.
- Developed a POS App for Bowbo Dimsum, enhancing user interface and added multiple shop feature in **Expo React Native** and **Express.js**.
- Deployed the application and backend services to server using **Proxmox**, enabling stable production operations.

Agile Technica – Tangerang, Indonesia
Frontend Developer Intern

May 2024 – October 2024

- Developed, enhanced, and maintained cross-platform mobile applications using **Expo React Native** for TemanHR and BirdTec.
- Collaborated with Project Managers and Backend Developers to brainstorm, design, and plan new features aligned with user needs and business goals.
- Actively participated in Agile ceremonies, including daily stand-ups, sprint planning, and retrospectives, to ensure smooth team collaboration and continuous delivery.

Avows Technology Indonesia – Jakarta, Indonesia
Quality Assurance Part-Time

Maret 2024 – April 2024

- Performed manual testing on newly developed features to ensure functionality, usability, and reliability.
- Documented and submitted daily test reports summarizing results, issues, and recommendations.
- Collaborated closely with Software Developers and Project Managers within an Agile development environment to support continuous improvement and timely delivery.

Relevant Skills

- Programming Skills:** HTML, CSS, Javascript, Typescript, Bootstrap, Tailwind, Chakra UI, ReactJS, NextJS, Laravel, MySQL, ExpressJS, PHP, Python, React Native, Zustand, Axios, Zod.
- Internet of Things:** Designing Embedded System, Embedded Programming, Hardware Debugging and Troubleshooting, ESP32.
- Others:** Git, Expo, Eas, Android Studio, Xcode, Firebase, Firebase Cloud Messaging (Push Notification), Google Play Console.

Organisational Experience

EPICS (Engineering Projects in Community Service) IN IEEE
Fullstack and IoT Engineer

Jan 2024 – Jan 2025

- Designed and developed an end-to-end IoT system using ESP32 and Raspberry Pi to collect and monitor environmental data, such as Light, Temperature, Humidity and Rainfall.
- Managed reliable long-range communication between microcontroller and server using LoRa technology.
- Collaborated on UI/UX design for the associated web platform and implemented responsive, clean, and maintainable front-end code based on the approved design.

Organisational Experience

BEM UMN – Tangerang, Indonesia

Des 2022 – Dec 2023

Supervisor of Student Activity Unit

- Supervised 5 Student Activity Units, including Lions Basketball, Lions Volleyball, Taekwondo UMN, SPECTRE, and Capoeira UMN.
- Managed scheduling and operational coordination of basketball and volleyball courts within the university.
- Acted as a liaison to ensure smooth communication and collaboration between Student Activity Units and the Student Affairs Department.

STUKM 2023 – Tangerang, Indonesia

April 2023 – Dec 2023

President

- Provided strategic leadership and vision to guide the organization in achieving its annual goals and initiatives.
- Managed and coordinated 95 members across 11 specialized divisions, ensuring efficient communication and collaboration.
- Oversaw budgeting, project planning, and execution of key student events and initiatives, ensuring alignment with institutional values and timelines.

OMB UMN 2022 – Tangerang, Indonesia

Feb 2022 – Aug 2022

Person In Charge

- Acted as a mentor for new students, providing guidance on campus life, academic policies, facilities, and student resources to ensure a smooth transition.
- Strengthened key soft skills, including effective communication, public speaking, and teamwork through intensive training and event execution.
- Collaborated with fellow mentors and organizing committees to coordinate orientation activities, fostering a welcoming and inclusive environment for over 2000 freshmen.