WILLA WALIYADIN

 Willa Waliyadin   lfcyk   willa.yadin@gmail.com   Personal Website

WORK EXPERIENCE

Embedded Software Engineering at **Komatsu Kaihatsu Kogyo K. K.** (2025/04-)
- **Performed unit testing** on **hybrid vehicle control systems** to ensure reliability and correctness of control algorithms. (MATLAB, SIMULINK)
- **Documented test results and findings** for engineering team review and iterative system improvement.

Software Engineering at **Harehare Creative Indonesia** (2023/08-2025/01)
- **Developed interactive and gamified Japanese learning apps**, including quizzes for hiragana, katakana, and vocabulary, as well as **"Kanji Battle," a multiplayer kanji quiz game** that lets users compete in real-time while reinforcing their learning. (Flutter, Socket.io)
- **Maintained and debugged a Laravel-based student management system**, ensuring smooth functionality for class registration, recording access, and payment processing. (Laravel, MySQL, React)

EDUCATION

National Institute of Technology, Numazu College   **April 2020 – 2023**

- **Associate degree** in **Control and Computer Engineering** graduated in March 2023.
- **Developed a mobile application** that enables users to learn the "W Eye-cross Talk", a communication method for ALS patients as my final thesis. (Kotlin, Jetpack Compose)

PROJECTS

- **Kana-Sprint (2024).** A game where you arrange the hiragana or katakana table as fast as you can and submit your score to compete with other people all over the world. (Next.js, GSAP, MongoDB)
  https://kana-sprint.vercel.app/
- **Personal Website (2024).** A website to showcase my technical experience and achievements. (Next.js, CSS Tailwind)
  https://lfcyk.vercel.app/

ACHIEVEMENTS AND CERTIFICATES

- **Meta Full Stack Developer** | Coursera (React, Django, SQL)
- Japanese Government **(MEXT) Scholarship** (2019-2023)
- Japanese-Language Proficiency Test **N1**

TECHNICAL SKILLS

- Full Stack Development
- Rest APIs / GraphQl
- SQL / NoSQL
- Git / Github
- Flutter / Dart
- HTML / CSS / Javascript
- Typescript / React / Nextjs
- Python / Django
- C/C++
- PHP / Laravel