MUHAMMAD NAIMI NAFIS BIN NORLISAM

Software Engineering

Kyoto, Japan | (+81) 070-9020-7072 | naiminafis@gmail.com | [Github](#)

EDUCATION

UNIVERSITY OF MALAYA *April 2020 – March 2022*
Special Preparatory Program to Enter Japanese Universities (AAJ), GPA: 3.56
KYOTO INSTITUTE OF TECHNOLOGY *April 2022 – Present*
Information Technology, 4th year Bachelor's Degree, GPA: 2.61
Expected Graduation: March 2026

SKILL

Programming languages: HTML/CSS, JavaScript, C, Java, SQLite, Python, Ruby, Flutter, Dart
Computer software/frameworks: Git/GitHub, React, Ruby on Rails
Languages: Malay (Native), English (Native), Japanese (JLPT N2)

PROJECTS

Readoku: AI-Powered Translation Assistant | GitHub *June 2025*
TrackJob Hackathon Project (Browser Extension & AI Integration)

- Deeveloped a browser extension to provide instant, context-aware Japanese translations for selected text.
- Integrated a live AI translation using Gemini API to help users accelerate language learning.

Educational Compiler in C | Github *September 2024 - February 2025*
Language Processing Class Project

- Built an educational level lexical analyzer and cross-reference table from scratch, parsing custom syntax.
- Implemented symbol table management and error handling for 10+ grammar rules.
- Achieved 80% accuracy in tokenizing 500+ lines of test code based on passed tests.

Web-Based Etch-a-Sketch & Calculator | GitHub *December 2023*
Personal Project (Front-end fundamentals)

- Developed interactive apps using vanilla JS, manipulating DOM elements dynamically.
- Applied event-driven programming to handle user inputs with 0 latency.

RESEARCH EXPERIENCE

AI Software Engineering Laboratory | Kyoto Institute of Technology *April 2024 - Present*
Undergraduate Researcher | LLM-based Code Analysis

- Investigating prompt engineering strategies for LLMs to precisely identify semantic code clones in large codebases.
- Developing models to trace incorrect API usage patterns, aiming to create tools that can suggest automated code corrections.

EXTRACURRICULAR ACTIVITIES

Malaysians in Kyoto Association *April 2023 - March 2024*
President

- Organized 5+ multicultural events for 50+ attendees, fostering international connections.