

MUHAMMAD HAFIDZ

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<https://github.com/Nixzouxu>

ABOUT ME

Motivated Informatics student (Semester 2, transitioning to Semester 3 in August 2025) at Syiah Kuala University with a GPA of 3.60/4.00, seeking opportunities in courses, scholarships, or freelance projects. Skilled in C and Python programming, with hands-on experience in Data Structures and Algorithms through projects like MediTrack: Medicine Inventory & Expiry Analyzer and TypingMasterAI: AI-Powered Typing Speed and Accuracy Tracker. Eager to apply self-taught skills in HTML, CSS, JavaScript, React, React Native, Next.js, Node.js, Kotlin, and Dart to contribute to innovative tech solutions.

WORK EXPERIENCE (PROJECTS)

TypingMasterAI: Assignment Reminder Assistant

Apr 2025 - Present

- Develop a C -based command-line application for typing practice with user authentication, AI-driven difficulty adjustment, and real-time feedback (WPM, accuracy).
- Implemented file I/O for progress tracking (CSV, text files) and a leaderboard feature using modular C code.
- Resolved compilation issues with GCC on Windows, ensuring cross-platform functionality.
- Github : <https://github.com/Nixzouxu/Assignment-Reminder-Assistant>

MediTrack: Medicine Inventory & Expiry Analyzer

Mar 2025 - Apr 2025

- Built a C application for medicine inventory management, featuring data structures (Linked Lists, Queues) and algorithms (Merge Sort, Quick Sort).
- Designed a menu-driven interface to add, view, and track expiring medicines, applying academic learning to a practical solution.
- Demonstrated proficiency in debugging and optimizing code for performance.
- Github : <https://github.com/Nixzouxu/Meditrack>

EDUCATION

Undegraduate Student of Informatics

Aug 2024 - Present

Syiah Kuala University, Banda Aceh, Indonesia

- GPA: 3.60/4.00 (Semester 1)
- Key Courses: Basic Programming (C), Data Structures and Algorithms (C)
- Final Exam Project: Developed MediTrack: Medicine Inventory & Expiry Analyzer using C, implementing Linked Lists, Queues, and Sorting Algorithms (Merge Sort, Quick Sort) for inventory management and expiration tracking.

TECHNICAL SKILLS

- Programming Language:** C (Proficient), Python (Proficient), HTML, CSS, JavaScript, React, React Native, Next.js, Node.js, Kotlin, Dart (Beginner)
- Concepts:** Programming Logic, Data Structures (Linked Lists, Arrays, Queues), Algorithms (Sorting, Searching)
- Tools:** Git, GitHub, Visual Studio Code
- Languages:** Indonesia (Native), English (Fluent)

KEY STRENGTHS

- Quick Learner: Mastered basics of 9 technologies through self-study.
- Problem Solver: Debugged compilation errors and optimized project code.
- Detail-Oriented: Ensured clean, modular code in TypingMasterAI and MediTrack.
- Passionate: Maintains GPA of 3.60/4.00 while exploring advanced tech stacks.

Why I Stand Out Fresh Informatics student with a solid academic foundation (GPA: 3.60/4.00), practical projects (TypingMasterAI, MediTrack), and self-taught skills in 9 languages/frameworks. Ready to contribute to courses, scholarships, or freelance projects with dedication and a drive to innovate.