

# 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)

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| <b>TypingMasterAI: Assignment Reminder Assistant</b>  | <b>Apr 2025 - Present</b>  |
| <ul style="list-style-type: none"><li>Develop a C-based command-line application for typing practice with user authentication, AI-driven difficulty adjustment, and real-time feedback (WPM, accuracy).</li><li>Implemented file I/O for progress tracking (CSV, text files) and a leaderboard feature using modular C code.</li><li>Resolved compilation issues with GCC on Windows, ensuring cross-platform functionality.</li><li>Github : <a href="https://github.com/Nixzouxu/Assignment-Reminder-Assistant">https://github.com/Nixzouxu/Assignment-Reminder-Assistant</a></li></ul> |                            |
| <b>MediTrack: Medicine Inventory &amp; Expiry Analyzer</b>  | <b>Mar 2025 - Apr 2025</b> |
| <ul style="list-style-type: none"><li>Built a C application for medicine inventory management, featuring data structures (Linked Lists, Queues) and algorithms (Merge Sort, Quick Sort).</li><li>Designed a menu-driven interface to add, view, and track expiring medicines, applying academic learning to a practical solution.</li><li>Demonstrated proficiency in debugging and optimizing code for performance.</li><li>Github : <a href="https://github.com/Nixzouxu/Meditrack">https://github.com/Nixzouxu/Meditrack</a></li></ul>   |                            |

## EDUCATION

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|--|---------------------------|
| <b>Undegraduate Student of Informatics</b>   | <b>Aug 2024 - Present</b> |
| Syiah Kuala University, Banda Aceh, Indonesia  |                           |
| <ul style="list-style-type: none"><li>GPA: 3.60/4.00 (Semester 1)</li><li>Key Courses: Basic Programming (C), Data Structures and Algorithms (C)</li><li>Final Exam Project: Developed MediTrack: Medicine Inventory &amp; Expiry Analyzer using C, implementing Linked Lists, Queues, and Sorting Algorithms (Merge Sort, Quick Sort) for inventory management and expiration tracking.</li></ul> |                           |

## TECHNICAL SKILLS

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| <ul style="list-style-type: none"><li><b>Programming Languange:</b> C (Proficient), Python (Proficient), HTML, CSS, JavaScript, React, React Native, Next.js, Node.js, Kotlin, Dart (Beginner)</li><li><b>Concepts:</b> Programming Logic, Data Structures (Linked Lists, Arrays, Queues), Algorithms (Sorting, Searching)</li><li><b>Tools:</b> Git, GitHub, Visual Studio Code</li><li><b>Languages:</b> Indonesia (Native), English (Fluent)</li></ul> |
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## 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.