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Dear Hiring Manager,

I am writing to express my interest in an internship opportunity in the field of software development or related areas within your organization. As a dedicated and passionate computer science student, I am eager to apply my technical skills and creativity to contribute meaningfully while gaining valuable industry experience.

Throughout my diploma studies in computer science, I have developed a solid foundation in programming languages such as Java, C++, and JavaScript. My academic journey has been complemented by hands-on experience in software development, data analysis, and algorithm design through various personal and collaborative projects.

One of my most impactful experiences was my Final Year Project, Room Ease Portal, a mobile application designed to streamline staff room management. The system integrated role-based access, real-time notifications via Twilio and SendGrid, a 3D interactive map using Mapedin, and Pocketbase for backend data handling. It replaced a manual Excel-based process and significantly improved efficiency, earning me second place among my batch at UPTM. This project highlighted my full-stack development skills and ability to deliver user-focused solutions to real-world problems.

Additionally, I contributed to a freelance project for a client in the manufacturing sector called Nichi Pulse, a web-based system to monitor daily machine logs. My team and I built features that enhanced the client's ability to track activity and respond to issues in real-time. This experience sharpened my backend development skills and taught me the importance of understanding client needs and delivering practical, scalable solutions.

Beyond these, I also developed TechNest, a responsive e-commerce website using HTML, CSS, and Bootstrap, and BubbleBlush, a mobile shopping app using React Native and Pocketbase. These projects allowed me to further build my proficiency in UI/UX design, authentication systems, and shopping cart functionality, strengthening my capabilities in both frontend and backend development.

To further expand my knowledge, I am currently studying Python with a focus on backend development and natural language processing (NLP). This additional learning reflects my initiative to explore modern technologies and strengthen my ability to solve complex problems using data-driven approaches.

I am enthusiastic about the opportunity to bring my skills and passion for technology to your team. I am a fast learner, a strong team player, and committed to contributing positively to any project I am involved in. I am available to begin my internship starting 4 August 2025 and would be honored to grow professionally within your organization.

Thank you for considering my application. I look forward to the opportunity to discuss how I can contribute to your team.

Sincerely,

Nur Athirah Binti Hilalluddin