

Cover Letter

Dear Hiring Manager,

I am writing to express my keen interest in joining your organization in a role that aligns with my skills and passion—whether it be as an AI/ML Engineer, Software Engineer, Power BI Developer, or Data Engineer. I am a final-year undergraduate specializing in Data Science at the Sri Lanka Institute of Information Technology, with proven hands-on experience as a Junior Software Developer at Jacklup Solutions.

Throughout my academic and professional journey, I have cultivated a diverse and adaptable skill set:

- **AI/ML Engineering:** Proficient in deep learning, computer vision, and natural language processing using frameworks such as TensorFlow and PyTorch. Successfully led an autonomous vehicle safety project focusing on real-time in-cabin monitoring and emotion AI.
- **Software Engineering:** Built and maintained full-stack web applications with PHP, JavaScript, React, and MySQL. Experienced in delivering scalable and secure solutions in both front-end and back-end environments.
- **Power BI & Data Analytics:** Skilled in designing insightful dashboards, performing statistical analyses, and visualizing complex datasets using Power BI. Certified in integrating AI/ML with Power BI to derive actionable insights.
- **Data Engineering:** Experienced in real-time data pipelines, IoT system integration, and predictive analytics using tools like Firebase, ESP32, and Node-RED. Capable of building end-to-end smart systems that integrate hardware and cloud-based solutions.

I am passionate about contributing to forward-thinking projects and am eager to bring my technical expertise, strong problem-solving skills, and collaborative mindset to your team. My commitment to continuous learning, along with my ability to quickly adapt to new technologies, makes me an ideal fit for multi-disciplinary roles.

I would be thrilled to further discuss how my background and interests align with your organization's objectives. Thank you for considering my application.

Warm regards,

Ishara Tharindu Dissanayaka

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