



Pavan Pasidu Malshan



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About Me

A dedicated Computer Science & Engineering undergraduate with solid IT and project management skills. Reliable, adaptable, and an effective team player, ready to contribute in any environment.



Skills

- **Programming Languages:** Python | Java | C++ | JavaScript | HTML | CSS
- **Technical Fields:** Machine Learning | Natural Language Processing | Large Language Models | Computer Vision | AI | Full Stack Development | Quality Assurance
- **Databases:** MySQL
- **Tools & Services:** AWS | Git | Hugging Face | ServiceNow | Google Colab | Postman | VS code
- **Frameworks:** FastAPI | Flask | Sagemaker



Highlights

- **Merit Pass - GCE A/L :** Island 90
- **Volunteer in Career Fair 2025:** Organizing Committee Member
- **Volunteer in EXMO 2023 -** Project Demonstrator / Presenter
- **Volunteer in "Soyuru Sathkaara 2023" :** Seminar Instructor
- **Extra Curricular Activity :** Violinist, Tutoring
- **Sports :** Karate, Swimming, Chess



Education

BSc. Eng (Hons), Computer Science & Engineering.

University of Moratuwa

2021 - Present

Specialized in Data Science & Engineering

Dharmashoka College

2010 - 2019

- G.C.E A/L 2019: 3A Passes (Physical Science Stream)
- G.C.E O/L 2016: 9 A Passes



Certifications

- Machine Learning for Natural Language Processing , AWS academy
- Feature Engineering course, Kaggle
- Time series forecasting course, Kaggle
- Certificate of Honor - Jesuit Academy - 1st runner-up - Creative writing competition



Experience

WSO2 LLC

2023 Nov - 2024 May

Software Engineering Intern

- Customer Health Score Model creation
- Sentiment Analysis on customer comments
- Introduction to WSO2 products, Knowledge sharing sessions.



Projects

Bus arrival time prediction using Graph Neural Networks (Ongoing)

- Final year project
- Project's primary aim is to develop a more optimized model to predict the bus arrival time to specific stop in urban areas.
- **Tech Stack:** Python, PyTorch Geometric, GNN, Streamlit

Customer Health Score Prediction

2023 Nov - 2024 May

- Intern project
- Project's main aim was to develop a model to identify the customers who are unsatisfied with the service provided by the company.
- **Tech Stack:** Python, Streamlit, AWS sagemaker, AWS s3 bucket,

Student Summary Evaluator

2023 Aug - 2023 Nov

- Project's main aim was to create a model to evaluate the summary written by students(To evaluate content & grammar).
- **Tech Stack:** Python, Streamlit

Human Resource Management System

2022 Oct - 2022 Dec

- Project's main aim was to streamline and automate critical HR processes, including the management of employee data, payroll, recruitment vacations.
- **Tech Stack:** HTML, CSS, JavaScript, MySQL, PHP

Image Gallery App

2023 Nov

- Simple image gallery using react, tailwind css, firestore and firebase auth for user authentication
- **Tech Stack:** React, Firebase, Firestore, Tailwind CSS