

# Sankajith D. Jinasena

## Aspiring AI Engineer | Data Science Undergraduate

Pursuing a BSc (Hons) in Data Science with a focus on artificial intelligence, machine learning, and data analytics. Experienced in analyzing datasets, building predictive models, and working on academic projects both independently and in teams.

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## EDUCATION

### BSc. Honours Degree in Data Science

Sabaragamuwa University, Sri Lanka

2024 – Present

### GCE Advanced Level Examination

Dharmaraja College, Kandy (Physical Science Stream)

2022

## PROJECTS

### WellTrackeR – AI-Powered Personal Health Tracker - 2025 Nov

- Developed a web-based health tracker with AI-driven predictions, personalized recommendations, and dashboards for users and doctors, integrating full-stack development with machine learning for preventive healthcare insights.
- Technologies: HTML, CSS, JS, PHP, Python, MySQL, Scikit-learn

### Microsoft Stock Probability Analysis - 2025 Nov

- This project analyzes nearly four decades of Microsoft stock price 1986 – 2025 data using probability theory and statistical models to study return behavior, risk metrics, and future price simulations.
- Technologies: Python (Pandas, Numpy, Matplotlib, Seaborn)

### AI Financial Market Data Analysis - 2025 Aug

- This project analyzes a synthetic time-series financial dataset of companies involved in Artificial Intelligence (AI), including OpenAI, Google, and Meta.
- Technologies: Python (Pandas, Numpy, Matplotlib, Seaborn)

### RideSync – Bus Management System - 2025 Jun

- Developed a web-based public transport management system with role-based access, route scheduling, digital ticketing, fleet management, and feedback modules, achieving 95%+ functionality accuracy.
- Technologies: HTML, CSS, JS, PHP

### HydroScan – Web Quality Predictor - 2025 Feb

- Developed a web application using ML models to analyze historical environmental data and predict water quality levels through regression and classification.
- Technologies: HTML, CSS, JS, PHP, Python, Pandas, MySQL

## EXPERIENCE

### IT Consultant - Dharmavijaya Computer Training School

2023 Jan – 2024 Feb (1 year)

Proficient in Microsoft Office, basic programming (Python, HTML, CSS), video editing, and computer hardware, while strengthening technical and managerial skills.

## TECHNICAL SKILLS

- Python
- Java
- PHP
- Microsoft Office
- MySQL
- HTML, CSS
- PowerBI
- Filmora

## SOFT SKILLS

- Team management
- Problem-solving
- Creativity
- Teamwork
- Leadership
- Adaptability

## CERTIFICATES

- Python Programming (CODL, UOM, SL)
- Introduction to Data Analytics – IBM (Coursera)
- Google AI Essentials – Google (Coursera)
- ML for Beginners – Sololearn
- Web Design for Beginners (CODL, UOM, SL)
- Fundamentals of Digital Marketing – Google
- Foundations of Project Management (CODL, UOM, SL)

## LANGUAGES

- |              |                                 |
|--------------|---------------------------------|
| English      | Sinhala                         |
| Intermediate | Native or Bilingual Proficiency |

## INTEREST

- Machine Learning
- Artificial Intelligence
- Data Analyze
- Cloud Computing
- Robotics
- IoT

## REFERENCES

Dharshana Wanigarathne

Principle of Dharmavijaya Computer Training School

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