# 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.

| Address | – | Kandy, Sri Lanka | LinkedIn | – | linkedin.com/in/sankajithdjinasena |
|---|---|---|---|---|---|
| Email | – | sankajithdjinasena@gmail.com | GitHub | – | github.com/sankajithdjinasena |
| Telephone No. | – | +94713545642 | Medium | – | medium.com/@sankajithdjinasena |

## 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
+94716814610