

ADWAITA A.I

Kollam, Kerala | +91 9778046647 | adwaita.tathwamasi@gmail.com | LinkedIn | Portfolio

PROFESSIONAL SUMMARY

Software Engineer aspiring to specialize in Artificial Intelligence, Machine Learning, Data Science, and Generative AI, with hands-on experience delivering ML projects, Power BI dashboards, and end-to-end AI applications.

EDUCATION

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|--|---------------------|
| • B.Tech in Computer Science and Engineering
College of Engineering Perumon (CGPA : 8.41) | Sep 2020 - Jun 2024 |
| • Higher Secondary
SN Trusts Central School (Percentage :85.8%) | Apr 2019- Mar2020 |

EXPERIENCE

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|--|---------------------|
| Software Engineer – Bluo Software LLC | Nov 2025 – Present |
| • Developing and maintaining enterprise Mendix applications for client systems.
• Built an LLM-powered AI agent for automated slot booking using intelligent intent parsing and browser automation. | |
| Flutter Developer – Xinfoz Technologies Pvt. Ltd. | May 2025 – Nov 2025 |
| • Developed and enhanced Flutter applications with modules for member management, financial workflows, reporting, and fees configuration.
• Improved UI/UX and application performance through streamlined designs and workflows. | |
| Data Science Intern – Luminar Technolab | Aug 2024 – Apr 2025 |
| • Built predictive ML models using Python, Scikit-learn, and TensorFlow.
• Developed Power BI dashboards for weather analytics using real-time and historical data.
• Deployed an end-to-end rainfall prediction system using Streamlit. | |

SKILLS

- **Programming:** Python, SQL, Flutter
- **Data Tools:** Power BI, Excel
- **Frameworks & Libraries:** Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn, LangChain, Mediapipe, YOLOv8
- **ML/DL:** Supervised & Unsupervised Learning, Regression, Classification, CNNs, Neural Networks
- **NLP & GenAI:** Text Processing, Classification, Sentiment Analysis, Prompt Engineering, RAG, LangChain Workflows
- **Data Engineering & Visualization:** Data Cleaning, Feature Engineering, EDA, Streamlit UI Development

PROJECTS

- **Book Summarizer & Recommendations – AI-Powered Book Insights**
 - Developed an AI-driven application that summarizes books and provides personalized reading recommendations based on user input.
 - Leveraged the Deepseek V3 model with LangChain for semantic understanding and generative response generation.
 - Built using Flask for backend API integration, featuring a chatbot for answering user queries related to books.
- **Rain prediction in Australia using ML**
 - Designed and deployed a machine learning model to predict whether it will rain tomorrow using historical weather data (2007–2017).
 - Achieved 88% accuracy, demonstrating strong model performance on test data.
 - Built an interactive Streamlit UI to enable real-time predictions and visualizations for public and emergency use.
- **Automated detection of stolen vehicle using YOLO v8**
 - Developed an AI-powered system for real-time stolen vehicle identification and tracking using YOLOv8 and EasyOCR.
 - Integrated with a web application for seamless detection through license plate recognition.

CERTIFICATIONS

- IBM Data Science Professional Certificate – Coursera – Jun 2025
- Data Analytics Essentials – Cisco Networking Academy – Mar 2025
- Python for Data Science – NPTEL (IIT) – Feb 2024