

ADWAITA A.I

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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

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

EXPERIENCE

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