

J S ASWATHY

ASPIRING DATA ANALYST & BACKEND DEVELOPER

CAREER OBJECTIVE

Aspiring tech professional with strong skills in Python, Django, and SQL, driven by a problem-solving mindset and a passion for clean, efficient code, eager to contribute to impactful projects and grow in a collaborative environment.

EDUCATION

Bachelor of Technology in Artificial Intelligence and Data Science
Arunachala College of Engineering for Women, Nagercoil, Tamil Nadu (Anna University) | Expected Graduation: 2025 | CGPA: 8.6

Higher Secondary Education (HSC)|Secondary Education (SSLC)
Nazareth Matriculation Higher Secondary School, Chennai, Tamil Nadu

INTERNSHIP & VIRTUAL EXPERIENCES

Deloitte[online] | Data Analytics [Jan – Feb 2025]
Gained hands-on experience in data-driven decision-making, exploratory data analysis, and anomaly detection.

Accenture North America [online] | Data Analytics [Aug – Sep 2024]
Developed interactive dashboards in Power BI and analyzed business datasets to deliver actionable insights.

Kenfra Research Solutions – Research Programmer Intern [Feb–May 2025]
Worked as a research programmer contributing to data-driven projects, applying programming and analytical skills in real-world research applications.

PROJECTS

Adaptive Intelligence Fraud Detection System – Trained two ML models on Kaggle's Credit Card and Paysim datasets; integrated with a Django web interface for real-time fraud prediction and visualization using Chart.js.

Drowsiness Detection System – Built a real-time driver alert system using Python, OpenCV, and TensorFlow to detect signs of drowsiness and enhance road safety.

AI Banking Bot – Developed a Python- based banking chatbot using NLP libraries and deployed it on Flask for 24/7 customer support and query resolution.

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Avadi, Chennai, Tamil Nadu.

TECHNICAL SKILLS

Programming: Python, SQL, Django, MATLAB

Machine Learning & AI: Scikit-learn, NLP, TensorFlow, PyTorch

Data Analysis & Visualization: Power BI, Tableau, Excel

Tools & Platforms: Jupyter Notebook, Google Collab, VS Code, Kaggle.

ACHIEVEMENTS

Research & Publication

Published Paper – Unleashing Intelligence: Exploring the Frontier of Machine Learning Analytics (SIMATS Conference)

Paper Presentations

1st Prize – Google T5: Advanced NLP Models

2nd Prize – Generative AI in Content Revolutionizing

Technical Competitions

3rd Prize – Python Code Debugging (Code Crackdown)

2× 3rd Prize – Techie Talk (JAM Events)

2× 2nd Prize – Technical Quiz Competitions

Certifications

- Google Data Analytics (Coursera)
- Python Certification
- Data Analytics with Python (NPTEL – 63%)