Akhil Biju Thudumel

Undergraduate Student / Aspiring Data Scientist

Career Objective

A motivated second-year engineering student specializing in Data Science and AI. Seeking internships or projects where I can apply machine learning, Python, and system-level programming to build practical solutions. Open to opportunities.

Education

2023–Present	**2nd year B.Tech in Artificial Intelligence and Data Science and Engineering**, *jyothi Engineering College, cheruthuruthy, Thrissur*, Kerala, *CGPA: 7.9/10*
	Relevant coursework: Data Science and Analytics, Data Structures, Operating Systems, Machine Learning, Statistics
2019–2022	**Higher Secondary (Science)**, *Arafa English School*, Attur, Thrisur, Kerala, *Score: 82%*

Technical Skills

Languages	C, Python, SQL, HTML, CSS, Javascript
Data / ML	Pandas, NumPy, scikit-learn, TensorFlow (basic)
Tools	Git, VS Code
Web / DB	HTML/CSS, MYSQL

Projects

2024	**Mini projects**, *Personal Project*, GitHub, *Python, Tensorflow*
	Trained different models (linear regression,Random Forest,CNN) for various project like :**Spam News Detection, Handwritten digit Recognition, Rice Brand Recognition by grain.**
2025	**Disater Relief Hub (Hackathon project)**, *Team project*, HACKATHON
	Developed Helpr — a community help app and an admin dashboard for real-time activity monitoring and management. Enabled resource sharing and support requests between users, with seamless backend integration using Supabase.
2025	**Food Image Nutrient Estimator**, *Personal Project*, GitHub, Python, TensorFlow
	*design stage*An object detection model to identify common south-Indian dishes and estimate portion size heuristically from bounding boxes, calculate the calorie, protein content and other nutrients. Dataset: custom images + augmentation.

Certifications

2024	NASCOM DIGITAL 101 - completed
2024	1 Million Prompter - Prompt Engineering course
2024,2025	Galactic Problem Solver - NASA Space App Challenge
2025	AI FOR ALL by intel and Digital India
2025	Artificial Intelligence course by Infosys Springboard

Extracurricular

Hackathons	Participation in various hackathons and tech events, Team leader.
Volunteering	Volunteer in National Service Scheme (NSS)

Languages

Malayalam-Native

English-Fluent

Hindi,Tamil-Intermediate

Interests

programming, Model Training, Data Analytics, Open-source projects,