










# Haritha.S

 Portfolio  LinkedIn  GitHub  sharitha2004@gmail.com\_  +91 7338815340  Chennai, India

## Education

Bachelor of Technology (Artificial Intelligence and Data Science) 	November 2022 – Present
RRASE College of Engineering, Chennai	CGPA 7.90
Higher Secondary Education(TN State Board) 	May 2022
Ananthavalli Matriculation Higher Secondary School	70.5% (XII)
Secondary Education 	July 2020
Alwin International Public School	75.0%(X)

## Experience

Summer Intern	August 2025 – October 2025
<b>Zoho Corp.</b>	On-site (Chennai, India)
<ul style="list-style-type: none"><li>Developed and implemented AI/ML testing strategies for Zoho CRM's Recommendation Systems, ensuring high accuracy and performance.</li><li>Applied LLMs (GPT, BERT, T5) for a Resume Parsing System, significantly enhancing data extraction efficiency.</li><li>Integrated OCR for ATS Tracking within Zoho CRM, automating document data entry and boosting user productivity.</li></ul>	

Project Intern	March 2025 – May 2025
<b>Ministry of New Renewable Energy</b>	On-site (New Delhi, India)
<ul style="list-style-type: none"><li>Developed and deployed a solar energy predictive model for the MNRE/NIC Division, maximizing production rates and efficiency.</li><li>Utilized key metrics, including solar irradiance, temperature, and humidity, to generate high-accuracy optimization forecasts.</li><li>Presented complex optimization analytics and results via a streamlined web interface, receiving good feedback from Senior Scientists.</li></ul>	

## Technical Skills

**Primary Languages:** Python (Expert), Java, JavaScript, C++,HTML,CSS

**AI/Deep Learning Frameworks:** PyTorch, TensorFlow, Scikit-Learn, OpenCV, YOLOv Models





**Model Deployment & API:** REST API Design, POSTMAN API, Streamlit

**Architecture & Fundamentals:** Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), SDLC, Generative AI, Statistics, Computer Networks, Artificial Intelligence, Machine Learning, Operating Systems, DBMS




**Data & ML Engineering:** SQL (Proficient), Pandas, NumPy, Git (Version Control), ETL Concepts

**Tools & Visualization:** VS Code, Power BI, Excel, Matplotlib, Seaborn, GitHub

## Projects

FactForge: Comprehensive Solution to Combat Misinformation and Scams -GitHub  ,Deployed  September 2025	
<ul style="list-style-type: none"><li>Engineered and deployed "FactForge," a scalable, multi-lingual fact-checking platform that verifies real-time news and rumors in languages including Hindi and Tamil.</li><li>Developed a sophisticated RAG architecture using LLMs, Sentence-Transformers, and Milvus/FAISS for contextual verification, while integrating Scrapy and Tesseract OCR for hybrid data capture.</li><li>Built the high-performance backend using FastAPI and Kubernetes to ensure scalability and defined metrics (Accuracy, Latency, Containment) for measuring impact on Public Health and digital integrity.</li></ul>	
AI-Driven Optimization based on Solar Energy Forecasting Data Analysis.-GitHub  ,Deployed  May 2025	
<ul style="list-style-type: none"><li>Conducted comprehensive research comparing LSTM, CNN, and Hybrid AI architectures for solar energy forecasting performance across various studies.</li><li>Developed an interactive, Flask-based dashboard utilizing AdminKit and Bootstrap to visualize model comparisons, optimization insights, and core metrics (e.g., R2, error rates).</li><li>Identified the most accurate and cost-efficient forecasting model to demonstrate tangible impact on smart grid optimization, energy demand planning, and operational efficiency.</li></ul>	

## Achievements

- NPTEL Certification in Data Science in Python 
- Solved 100+ Leetcode Problems 
- Google GenAI Exchange Hackathon Team Lead 
- Got Good Conduct from a Scientist at the Ministry of New Renewable Energy 