

Haritha.S



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Chennai, India

Education

Bachelor of Technology (Artificial Intelligence and Data Science)
RRASE College of Engineering

2022 – present

CGPA 8.08 (Ongoing)

Higher Secondary Education (TN State Board)

Passing out year: 2026

Ananthavalli Matriculation Higher Secondary School

76.3% (XII)

Secondary Education (CBSE Board)

Alwin International Public School

75.6% (X)

Experience

Summer Intern

August 2025 – October 2025

Zoho Corporation

On-site (Chennai, India)

- Tested and cross-validated datasets for Zia LLM's new feature enhancements to ensure reliability and performance.
- Worked with sentence transformer models such as GPT, BERT, and T5 for tasks like semantic similarity, embeddings, and text classification.
- Applied evaluation metrics (e.g., accuracy, F1-score, cross-validation techniques) to benchmark model performance and optimize results.

Internship Trainee

March 2025 – May 2025

Ministry of New and Renewable Energy (MNRE)

On-site (New Delhi, India)

- Interned at the Ministry of New and Renewable Energy under the NIC Division, contributing to a government project focused on optimizing solar energy using neural network models. Responsibilities included developing and refining machine learning algorithms to enhance energy efficiency and sustainability.

Data Engineer Intern

September 2024 – February 2025

Data Pattern

On-site (Chennai, India)

- Completed Data Engineer training at Data Pattern, a startup company, gaining hands-on experience in data pipeline development, ETL processes, and big data technologies. Applied skills to design and optimize data workflows, ensuring efficient data processing and analysis.

Skills Summary

Programming: Python, Java, JavaScript, HTML, CSS, C, C++

Data Science & Analysis: Exploratory Data Analysis (EDA), NumPy, Pandas, Scikit-Learn, TensorFlow, OpenCV, Model Testing and Evaluation, Matplotlib, Seaborn

Technical Proficiency: Machine Learning (ML), Artificial Intelligence (AI), Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), Software Development Life Cycle (SDLC)

Databases & Tools: SQL, Power BI, VS Code, Git, Excel, MongoDB

Soft Skills: Problem-Solving, Communication, Leadership, Teamwork

Projects

Logomatic AI bridging tech and traditional designing

August 2024

- Designing logos based on giving prompts and scanning an object. Python: Keras, Tensorflow, Website: HTML, CSS, Json, javascript
- Published a research paper in Naan Mudhalvan.

FreshBasket : Scalable E-Commerce Platform Deployment with Flask on AWS EC2 and RDS.

December 2024



- Developed and deployed a scalable web application using Flask for backend APIs, AWS RDS for database management, and AWS EC2 for cloud hosting. Implemented AWS Elastic Load Balancer, Auto Scaling, S3 for static assets, ElastiCache for caching, and CloudWatch for monitoring, ensuring high availability, security, and optimal performance

AI- Driven Energy Optimization for Solar Energy

March 2025

- Using LSTM Framework done energy optimization to suggest powerful strategy to
- avoid energy penalty in energy bidding market and to find efficiency to optimize
- the production of Solar Energy.

Certificates

- Received NPTEL Certifications in Python for Data Science 
- Google Data Analytics Professional Certification 
- Innovation Data and Google Cloud 