

# HARISH A. S

B.Tech. Artificial Intelligence & Data Science (Final Year)

**Target Roles:** AI Engineer — Data Analyst — Software Engineer — Research Intern

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📍 Madurai, Tamil Nadu

## Professional Summary

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AI & Data Science undergraduate with hands-on experience in machine learning, data analytics, full-stack development, and applied AI systems. Proven ability to build end-to-end solutions including forecasting models, dashboards, AI-powered platforms, and cloud-deployed applications. Strong interest in research-oriented problem solving and scalable software systems.

## Technical Skills

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**Programming Languages:** Python, C, C++

**Machine Learning:** Regression, Time-Series Forecasting, Model Training & Evaluation

**Data Analytics & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Qlik Sense

**Web & Backend Development:** HTML, CSS, JavaScript, Flask, Node.js

**Databases:** MySQL, PostgreSQL, SQLite, Oracle SQL

**Generative AI & LLM Tools:** ChatGPT, Gemini API, Claude, GitHub Copilot

**Cloud, DevOps & Tools:** Render, Base44, Git, REST APIs, VS Code, pgAdmin

## Education

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**B.Tech. Artificial Intelligence & Data Science**

2022 – 2026 (Expected)

Ramachandra College of Engineering, Eluru

Affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK)

CGPA: 6.77

**Intermediate (MPC)**

2020 – 2022

Sri Chaitanya Junior College, Vijayawada

Board of Intermediate Education, Andhra Pradesh (AP Board)

Percentage: 74%

**School (CBSE)**

2020

Kiran International School, Hyderabad, Telangana

Central Board of Secondary Education (CBSE)

Percentage: 59%

## Internship Experience

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**International Institute of Digital Technologies & Blackbuck Engineers** 

- Worked on Python-based data analysis and machine learning projects and Applied ML concepts to solve real-world problem statements

**CodingMissions IT Solutions** 

- Developed Python programs for automation and data processing

## Key Projects

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**Smart India Hackathon 2025 Website Replication**  

Full-stack replica of SIH platform with registration, team management, and admin workflows.

Tech: HTML, CSS, JavaScript, Flask, MySQL

### **Dynamic Portfolio Engine with Custom CMS** [Source Code](#) [Live Demo](#)

Built a Node.js-based portfolio with CMS enabling instant updates without code changes.

*Tech: Node.js, PostgreSQL*

### **AutoFolio – AI Resume to Portfolio Platform** [Source Code](#) [Live Demo](#)

LLM-powered system to extract structured data from resumes and auto-generate portfolios.

*Tech: Node.js, Gemini API*

### **Interactive Qlik Dashboard for DataCo Supply Chain Analytics** [Source Code](#) [Live Demo](#)

Designed dashboards to analyze supply chain performance and operational KPIs.

*Tech: Qlik Sense, Data Analytics*

### **Forecasting Future Water Requirements and Reservoir Storage** [Source Code](#) [Live Demo](#)

ML-based system using time-series forecasting and regression models with interactive Flask dashboard.

*Tech: Python, ML, Flask*

### **Job Board Aggregator with Automated Web Scraping**

Built a system to collect, filter, and present job listings from multiple sources with keyword-based search.

*Tech: Python, Web Scraping, APIs*

### **IT Company Insights and Analytics Dashboard**

Developed analytics dashboards to visualize company-level trends and insights.

*Tech: Python, Data Analytics, Visualization*

### **Quantum-Resistant Encryption using Neural Networks**

Explored AI-driven key generation combined with post-quantum cryptographic primitives.

*Tech: Neural Networks, Cryptography*

## Certifications

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- AI/ML & Geodata Analysis – ISRO (2024)  [View Certificate](#)
- Remote Sensing & Digital Image Analysis – ISRO-IIRS (2024)  [View Certificate](#)
- Quantum Fundamentals – IBM Quantum (2025)
- Quantum Hardware Technologies – QuEdX TalkOn (2026)
- C Programming – UC Santa Cruz (2023)  [View Certificate](#)

## Achievements & Hackathons

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- **Smart India Hackathon 2024 – Grand Finale Finalist** [View Certificate](#)  
Forecasting future water requirements and assessing storage capacities in reservoirs.
- **MIT iQuHACK 2026 (Remote) – Selected Participant** Worked on quantum computing challenges focusing on quantum algorithms and hybrid quantum-AI approaches.
- **MSME IDEA Hackathon 2024 – Participant**  
Developed innovative solution concepts addressing real-world challenges in the MSME sector.
- **AI & Data Science Projects**  
Successfully completed **6 major AI/ML projects** covering time-series forecasting, web scraping, BI dashboards, and cryptography.
- **Academic Performance**  
Maintained good academic standing with a **CGPA of 7.47** in B.E. Artificial Intelligence & Data Science.