# HARISH A. S

B.Tech. Artificial Intelligence & Data Science (Final Year)
**Target Roles: AI Engineer — Data Analyst — Software Engineer — Research Intern**

✉ anandhunharish@gmail.com    ✆ +91 83282 33110    in linkedin.com/in/asharish
 github.com/asharish1805    🌐 https://harishas-portfolio.onrender.com/    📍 Madurai, Tamil Nadu

## Professional Summary

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

**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

**B.Tech. Artificial Intelligence & Data Science**     2022 – 2026 (Expected)
Ramachandra College of Engineering, Eluru, Andhra Pradesh
Affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK)
CGPA: 6.77

**Intermediate**     2020 – 2022
Sri Chaitanya Junior College, Vijayawada, Andhra Pradesh
Board of Intermediate Education (AP Board)
Percentage: 74%

**School**     2020
Kiran International School, Hyderabad, Telangana
Central Board of Secondary Education (CBSE)
Percentage: 59%

## Internship Experience

**International Institute of Digital Technologies & Blackbuck Engineers** ✸View Certificate
- Worked on Python-based data analysis and machine learning projects and Applied ML concepts to solve real-world problem statements

**CodingMissions IT Solutions** ✸View Certificate
- Developed Python programs for automation and data processing

## Key Projects

**Smart India Hackathon 2025 Website Replication**  Source Code 🌐 Live Demo
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

- 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

- **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 Impact Summit 2026** (16–20 February 2026) – Participant
  Engaged in applied AI innovation, industry-focused use cases, and AI-driven problem solving.

- **AI & Data Science Projects**
  Successfully completed Developed 8 major AI/ML projects spanning time-series forecasting, web scraping, BI dashboards, and cryptography, delivering end-to-end, scalable AI solutions including predictive models, interactive dashboards, and cloud-deployed applications

- **Academic Performance** Maintained good academic standing with a CGPA of 6.77 in B.E. Artificial Intelligence & Data Science.