

Harish J

📍 Chennai, India – 600062

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Objective

Computer Science student with proven research and analytical skills. Passionate about cybersecurity, cloud computing, and software development, with a keen ability to deliver actionable insights. A quick learner who thrives in dynamic environments and enjoys tackling complex challenges.

Projects

Sony Aitrios Hackathon Project – SmartChainERP Jan 2025 – Ongoing

- Built AI-powered warehouse + supply chain system using React, TypeScript, Next.js, and MQTT.
- Integrated IMX-500 camera + Raspberry Pi for real-time inventory insights and anomaly detection.
- Developed a cross-platform Electron app with Next.js frontend and Django/PostgreSQL backend.
- Used Postman for API testing, MQTT/polling for real-time data sync.

Fake News Detection using ML and NLP

June 2024

- Developed an ML-based fake news classifier using TF-IDF + PassiveAggressiveClassifier.
- Built with Python, Pandas, Scikit-learn, and Streamlit for clean web UI.
- Achieved 93% accuracy on real-world datasets (LIAR / FakeNewsNet).
- Implemented text cleaning, lemmatization, and StopWord removal for preprocessing.

Courses and Certifications

- **AWS Cloud Practitioner Training:** Aug 2024 – Mar 2025
- **DBMS Training:** July 2024
- **MERN Stack Training:** March 2024

Skills

- **Research:** Technical report writing, analytics, workflow optimization
- **Technical:** Full Stack Dev, Git/GitHub, PostgreSQL, Django, MongoDB
- **Languages:** Python, Java, C++, C, JavaScript, Haskell, TypeScript
- **Soft Skills:** Problem-solving, teamwork, presentation, project management

Education

Amrita Vishwa Vidyapeetham, Coimbatore

Expected July 2027

B.Tech in Computer Science and Engineering

Vijayanta Model Hr. Sec. School, Avadi

April 2023

Final Grade: 93% — School Coordinator — Cultural Secretary

Kendriya Vidyalaya, Chennai

April 2021

Final Grade: 89.96%