Harish J

📍 Chennai, India – 600062

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Professional Summary

Third-year Computer Science student with expertise in full-stack development, cloud computing, and blockchain. Finalist in the Sony AITRIOS Hackathon. Proven ability to build scalable decentralized applications and AI-integrated solutions. Strong research background with excellent problem-solving skills.

Technical Skills

- **Languages:** Python, Java, C++, C, JavaScript, TypeScript, Haskell
- **Frontend:** React, Next.js, Streamlit, HTML5/CSS3
- **Backend:** Node.js, Django, Express.js, REST APIs
- **Blockchain:** Solidity, Web3.py, IPFS, Ethereum, Polygon
- **Database:** PostgreSQL, Firebase, MongoDB
- **DevOps & Tools:** Docker, Git, GitHub, MQTT, Postman, AWS, Ankr

Key Projects

DeduVault – Decentralized Image Deduplication
Jun 2025 – Ongoing

- Developed a blockchain-based solution for image deduplication using IPFS, SHA-256, and Ethereum smart contracts
- Integrated Web3.py with Infura for blockchain connectivity and on-chain file verification
- Designed a responsive Streamlit UI with Amazon, Flipkart, and Myntra-style image previews
- Enabled secure file registration with hash validation and duplication detection

Vendor – ERP Supply Chain Management System (Frontend)
Jan 2025 – Ongoing

- Active contributor to front-end of a smart ERP system for manufacturers, employees, and retailers
- Developed dashboards with React, TypeScript, TailwindCSS, and role-based access control
- Built modules for stock tracking, billing, and auto order allocation
- Integrated with Django REST backend using secure token-based authentication

Education

Amrita Vishwa Vidyapeetham, Coimbatore
Expected July 2027

- B.Tech in Computer Science and Engineering
- Relevant Coursework: Data Structures, Algorithms, DBMS, Computer Networks

Vijayanta Model Hr. Sec. School, Avadi
April 2023

- Graduated with 93% marks
- Served as School Coordinator and Cultural Secretary

Kendriya Vidyalaya, Chennai
April 2021

- Graduated with 89.96% marks

Certifications

- **Meta Front-End Developer** (Coursera) – In Progress
- **AWS Cloud Practitioner Training** – Aug 2024 – Mar 2025
- **MERN Stack Certification** – March 2024
- **Database Management Systems Bootcamp** – July 2024

Achievements

- Finalist in Sony AITRIOS Hackathon 2025
- School Coordinator and Cultural Secretary (2022-2023)
- Active participant in coding competitions and hackathons