

NAGA CHARAN DONGA■

Narsapur, Andhra Pradesh | +91 938176488 | charandonga9010@gmail.com | [GitHub Link] | [LinkedIn Link]■

■

SUMMARY■

Aspiring AI/ML Developer and Full Stack Engineer with extensive experience in the MERN & Python stacks. Proven expertise

■

SKILLS■

AI/ML & Data Science: LLMs (GPT, Llama), Transformer Architecture, Fine-tuning, LangChain, Generative AI, Computer Vision

Programming & Backend: Python (Expert), JavaScript (ES6+), Java, C++, Flask, Django, FastAPI, Node.js, RESTful APIs.■

Frontend: ReactJS, TailwindCSS, Bootstrap, Streamlit, Leaflet.js.■

Databases: MongoDB, PostgreSQL, MySQL, Firebase, Vector Databases (Pinecone/ChromaDB).■

Tools & DevOps: Git, Docker, Linux, Postman, AWS, Vercel, CI/CD, Jupyter Notebooks.■

IoT: ESP32, Arduino, PCB Design, Drone Systems, Sensor Fusion.■

■

EXPERIENCE■

IndoNalandaTech | Full Stack & AI Intern | January 2025 – Present■

- Architected and deployed a company-wide AI Chatbot using LLMs and LangChain, fine-tuning models on proprietary dataset
- Developed a real-time Drone Monitoring System integrating AI Vision models for automated surveillance and anomaly detect
- Engineered a scalable Exam Portal using the MERN stack and Flask, implementing secure JWT authentication and automati
- Optimized deployment workflows via CI/CD pipelines on AWS, reducing system downtime by 70%.■

■

Ediglobe | Cybersecurity Intern | September 2025 – November 2025 (Upcoming)■

- Conducted vulnerability assessments and penetration testing to secure internal API endpoints.■
- Implemented HTTPS, data encryption, and system hardening protocols to protect sensitive user data.■

■

PROJECTS■

AI-Powered Generative Chatbot | LangChain, HuggingFace, Flask■

- Developed a RAG (Retrieval-Augmented Generation) based chatbot to handle company-specific documentation queries.■
- Performed data cleaning and tokenization of unstructured text data to optimize LLM performance.■
- Integrated the model via a REST API to a React frontend, providing 24/7 automated support.■

■

IoT Drone Surveillance System | Python, OpenCV, IoT■

- Integrated AI vision models with drone hardware for real-time object detection and tracking.■
- Collected and preprocessed image data to train custom YOLO models, achieving high precision in outdoor environments.■
- Selected for the Smart India Hackathon (SIH) for this AI-integrated solution.■

■

HM NutriBox (Startup Project) | ReactJS, Node.js, MongoDB■

- Built a full-stack e-commerce platform for fruit subscriptions with integrated payment gateways.■
- Designed a responsive UI/UX that handled 500+ concurrent users during peak hours.■

■

RFID-Based Attendance System | ESP32, Firebase, Python■

- Developed an automated IoT solution reducing manual attendance processing time by 80%.■
- Created a data visualization dashboard to monitor student attendance trends in real-time.■

■

EDUCATION■

Swarnandhra College of Engineering & Technology | 2022 – 2026■

Bachelor of Technology in Computer Science | GPA: 7.25/10■

Relevant Coursework: Machine Learning, Deep Learning, Data Structures & Algorithms, Database Management Systems, Web

■

ACHIEVEMENTS & CERTIFICATIONS■

- National Finalist: Smart India Hackathon (SIH) – AI-Integrated Drone Solution.■
- Leadership: Technical Quiz Coordinator (100+ participants) & College Web Master.■
- Certification: Google AI/ML Virtual Internship (Eduskills).■
- Certification: Python Full Stack Developer (Eduskills).■