

**\*\*NAGA CHARAN DONGA\*\***■

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**\*\*PROFESSIONAL SUMMARY\*\***■

Innovative AI/ML Engineer and Full Stack Developer with expertise in the MERN and Python stacks. Specialized in developing

**\*\*TECHNICAL SKILLS\*\***■

- \* **AI/ML & Data Science:** LLMs (Fine-tuning, HuggingFace), Transformer Architecture, LangChain, Generative AI, CNN, R■
- \* **Data Engineering:** Data Cleaning, Preprocessing, Feature Engineering, Matplotlib, Seaborn.■
- \* **Backend & APIs:** Python (Flask, Django, FastAPI), Node.js, Express.js, RESTful APIs, JWT.■
- \* **Frontend:** ReactJS, JavaScript (ES6+), TailwindCSS, Bootstrap, Streamlit.■
- \* **Databases:** MongoDB, PostgreSQL, MySQL, Firebase.■
- \* **DevOps & Cloud:** AWS, Docker, Git, CI/CD, Linux, Vercel, Render.■
- \* **IoT:** ESP32, RFID, Drone Technology, GPS Integration, PCB Design.■

**\*\*PROFESSIONAL EXPERIENCE\*\***■

**\*\*IndoNalandaTech\*\*** | \*Full Stack & AI/IoT Intern\* | Jan 2025 – Present■

- \* **Model Development & Deployment:** Developed and fine-tuned an AI chatbot using LLMs and Transformer models, impr■
- \* **Full Stack Integration:** Designed a scalable exam portal and company website using React, Flask, and MongoDB, facilit■
- \* **AI-IoT Integration:** Built a real-time drone monitoring system utilizing AI vision models for surveillance and predictive ana■
- \* **Optimization:** Implemented CI/CD pipelines and automated deployment strategies, reducing system downtime by 70%.■

**\*\*Ediglobe\*\*** | \*Cybersecurity Intern\* | Sept 2024 – Nov 2024■

- \* **Security Assessment:** Conducted penetration testing and vulnerability assessments, identifying and mitigating critical se■
- \* **API Hardening:** Implemented secure authentication protocols (HTTPS, JWT) and encryption methods to ensure data int■

**\*\*PROJECTS\*\***■

**\*\*AI Chatbot & Knowledge Assistant\*\*** (IndoNalandaTech)■

- \* Utilized LangChain and HuggingFace to build a RAG-based (Retrieval-Augmented Generation) chatbot.■
- \* Performed data cleaning and preprocessing on unstructured company documentation to create a high-quality vector databa■

**\*\*Drone Monitoring & Surveillance System\*\*** (IndoNalandaTech)■

- \* Integrated IoT sensor data with AI models to perform real-time object detection and flight path optimization.■
- \* Developed a cloud-based dashboard for data visualization and remote monitoring.■

**\*\*HM NutriBox (Startup Project)\*\***■

- \* Engineered a full-stack subscription platform using ReactJS and Node.js.■
- \* Integrated secure payment gateways and real-time order tracking, managing the complete lifecycle of user data.■

**\*\*RFID-Based Student Attendance System\*\***■

- \* Developed an IoT solution using ESP32 and RFID cards, syncing data to a cloud dashboard.■
- \* Reduced manual administrative processing time by 80% through automated data collection.■

**\*\*EDUCATION\*\***■

**\*\*Bachelor of Technology in Computer Science\*\*** | 2022 – 2026■

Swarnandhra College of Engineering & Technology, Narsapur | GPA: 7.25/10■

- \* **Relevant Coursework:** Data Structures & Algorithms, Machine Learning, Deep Learning, Database Management Systems■

**\*\*ACHIEVEMENTS & CERTIFICATIONS\*\***■

- \* **Smart India Hackathon (SIH):** Selected for National Level for an AI-integrated drone solution.■
- \* **Leadership:** Technical Quiz Program Coordinator (100+ participants); Web Master for college technical events.■
- \* **Certifications:** Google AI/ML Virtual Internship (Eduskills); Python Full Stack Developer (Eduskills).