NAGA CHARAN DONGA■

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GitHub: [Link] | LinkedIn: [Link]■

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SUMMARY■

Aspiring AI/ML Developer and Full Stack Engineer with expertise in Python, Generative AI (LLMs), and the MERN stack. Prov

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SKILLS■

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

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, AWS (EC2, S3), Vercel, CI/CD, Postman, Jupyter Notebooks.■

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

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EXPERIENCE■

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

• Architected and deployed an enterprise-level AI Chatbot using LLMs and LangChain, implementing RAG to query proprietary

• Developed a real-time Drone Monitoring System utilizing YOLO models for automated surveillance, improving anomaly detec

• Built a scalable Exam Portal using the MERN stack and Flask, implementing secure JWT-based authentication and automate

• Optimized deployment workflows via CI/CD pipelines on AWS, reducing system downtime by 70% and improving release vel

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Ediglobe | Cybersecurity Intern | September 2024 – November 2024■

• Conducted vulnerability assessments and penetration testing on internal API endpoints to ensure data integrity and prevent u

• Implemented HTTPS, data encryption at rest, and system hardening protocols to protect sensitive user data across multi-ten

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PROJECTS■

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

• Developed a RAG-based chatbot to handle complex documentation queries using Vector Databases (Pinecone) for high-spe

• Performed extensive data cleaning, tokenization, and feature engineering on unstructured text data to optimize model respon

• Integrated the model via a Flask REST API to a React frontend, providing seamless 24/7 automated user support.■

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IoT Drone Surveillance System | Python, OpenCV, YOLOv8■

• Integrated AI vision models with drone hardware for real-time object detection, tracking, and classification.■

• Collected and preprocessed image datasets, performing data augmentation to achieve a 92% mAP (mean Average Precisio

• Selected as a National Finalist for the Smart India Hackathon (SIH) for this innovative AI-integrated solution.■

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

• Built a full-stack e-commerce platform for fruit subscriptions with integrated Stripe/Razorpay payment gateways.■

• Engineered a responsive UI/UX and optimized backend queries to handle 500+ concurrent users during peak traffic.■

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EDUCATION■

Swarnandhra College of Engineering & Technology | 2022 – 2026■

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

Relevant Coursework: Machine Learning, Deep Learning, Natural Language Processing, Data Structures & Algorithms, DBMS

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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) – Model Training & Deployment.■

• Certification: Python Full Stack Developer (Eduskills).