JATIN NAMA

Python developer with a strong focus on AI/ML, experienced in developing intelligent applications, computer vision solutions, and scalable backend systems. Strong problem-solving mindset with applied knowledge of algorithms and mathematical concepts in machine learning.

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TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Shell Scripting(Linux/RHEL)
- **Web Frameworks & APIs:** Flask, RESTful APIs
- **Databases:** MongoDB, SQL(MySQL)
- **ML & GenAI:** TensorFlow with GPU support, OpenCV, Scikit-learn, Gemini API
- **DevOps and Deployment:** Docker, Kubernetes, Github Action, Git, Streamlit, Gradio, AWS

EXPERIENCE

Finalist at Smart India Hackathon 2024   **December 2024**
- Developed ATISHA, a career guidance platform. Led backend API integration and handled all AI integration tasks using Gemini AI.

Intern, LinuxWorld Informatics Pvt. Ltd.   **June 2024 - Aug 2024**
- Built a menu-based Flask app, containerized using Docker. Integrated basic CI/CD and AWS for streamlined deployment and data handling, along with automation using scripting.

Intern, IIHT Ltd.   **Aug 2023**
- Gained foundational knowledge in Python, including OOP and file handling. Developed a Hospital Management System and several mini projects to apply practical skills.

PROJECTS

Smart Emergency Vehicle Detection System | Python (YOLO+CLIP model, OpenCV), Gradio 🔗 🌐
- A real-time AI web application for detecting emergency vehicles (ambulance, fire truck, police car) using YOLOv8 for object detection and CLIP for zero-shot image-text matching.

Smart Attendance System | Python(Face Recognition, OpenCV), Streamlit, MongoDB Atlas 🔗
- A real-time face recognition attendance system with MongoDB GridFS storage and an animated Streamlit UI, featuring smooth check-in/out and secure admin CSV downloads.

Dynamic Multi-utility Menu Application | Python-Flask, AWS, ML, DevOps 🔗
- Built an adaptive multi-utility menu app combining Python-Flask with AWS, Machine Learning, and DevOps, applying statistics and optimization for improved performance.

EDUCATION

B. Tech, Computer Science | Poornima Institute of Engineering & Technology   **2022 - Present**
- Current CGPA-9.2

High School Education | Emmanuel Mission Sr. Sec. School   **2019 - 2021**
- Scored 94.8% in 12th standard and 93.0% in 10th standard

CERTIFICATES AND ACHIEVEMENTS

- **Red Hat Certified System Administrator (RHCSA), Red Hat** 🔗   **July 2025**
- **Participated in Smart India Hackathon 2024 - Finals** 🔗   **December 2024**
- **Secured 3rd position in - GCEC 2.0** 🔗   **November 2024**
- **Certificate of Appreciation | DPBH 2023** 🔗   **March 2024**
- **Certificate of Publication for Research Paper** 🔗   **August 2023**

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, French.
- **Soft Skills:** Communication, Teamwork, Adaptability, Leadership, Emotional Intelligence, Dedication