

SAGAR JAMADAR

Computer ScienceEngineeringStudent | AIEngineer | Full-Stack Developer



Pune



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PROFESSIONAL SUMMARY

Computer Science Engineering student specialising in AI, Machine Learning, and Full-Stack Development with experience building real-world intelligent systems using computer vision and modern web technologies.

TECHNICAL SKILLS

- **Programming Languages** - Python, C, JavaScript
- **Artificial Intelligence / Machine Learning**- Machine Learning, Deep Learning, Computer Vision, OpenCV, TensorFlow, Data Preprocessing, Model Training
- **Web Development** - HTML, CSS, React, Node.js, Express, Django
- **Databases** - MongoDB, SQL
- **Developer Tools** - Git, GitHub, Docker, VS Code, Jupyter Notebook, Google Colab,n8n.

PROJECTS

Craniofacial AI – Medical Image Analysis System

Tech: Python, TensorFlow, OpenCV, Deep Learning, Computer Vision

- Developed an AI-based system for craniofacial abnormality detection using deep learning and computer vision.
- Built facial landmark detection, image preprocessing, and feature extraction pipelines for decision support.

Excitation-RAG – End-to-End RAG Repository

Tech: Python, LangChain, LlamaIndex, FAISS, ChromaDB, Hugging Face, OpenAI APIs

- Built an end-to-end repository implementing RAG techniques from basic to advanced pipelines.
- Implemented semantic search, hybrid retrieval, reranking, query rewriting, and vector database integration for LLM applications.

CERTIFICATES

- **Software Engineering Specialization:** Focused on SDLC practices, software design, testing, and maintenance.
- **IBM Machine Learning Professional Certificate:** Gained practical and theoretical knowledge of supervised, unsupervised, deep learning, and reinforcement learning algorithms.
- **Red Hat Linux Fundamentals:** Learned core Linux concepts including command-line operations, file system management, and basic system administration.

EDUCATION

Pimpri-Chinchwad University

Bachelor of Technology (B.Tech) – Computer Science & Engineering

2023 – 2027

Dr. D. Y. Patil Science & Computer Science College

Higher Secondary Education (Science)

2021 – 2023

ACHIEVEMENTS & ACTIVITIES

Developed multiple AI and full-stack software projects during undergraduate studies
Actively exploring computer vision research and intelligent systems
Solved 100+ questions on LeetCode.

CORE COMPETENCIES

Problem Solving Algorithmic, Thinking Fast Learning, Technical Research, Software Development, Team Collaboration