

```markdown

# Sudarshan Lakshate

**\*\*Location:\*\*** Bhosari, Pune, MH

**\*\*Contact:\*\*** 9011779747 | [Website] | [GitHub] | [LinkedIn] | [Gmail]

---

## ## PROFESSIONAL SUMMARY

Senior AI Annotation Engineer with extensive experience in designing and deploying Generative AI systems, Agentic AI workflows, ML/DL models, RAG pipelines, and MLOps deployments. Proficient in developing scalable AI applications, orchestrating ML pipelines, fine-tuning LLMs, and integrating multimodal models. Offering 2 years of comprehensive experience in AI/ML pipeline support, vector database optimization, and automated analytics workflows. Demonstrated ability to translate complex business challenges into intelligent, production-ready AI solutions.

---

## ## WORK EXPERIENCE

### Eligarf Technologies PVT LTD, Magarpatta, Hadapsar

**\*\*Senior AI Annotation Engineer\*\***

**\*Dec 2023 - Nov 2025\***

- Led the design and deployment of end-to-end AI solutions encompassing Machine Learning, Deep

Learning, and Generative AI for enterprise-level applications.

- Developed and managed MLOps pipelines using MLflow, Airflow, Docker, and Kubernetes for automating model training, deployment, and monitoring.
- Engineered OfficeBuddy, a GenAI-powered internal assistant utilizing RAG over Slack and Confluence, enhancing knowledge retrieval efficiency by 90%.
- Created advanced Generative AI applications integrating LLMs, LangChain, and Hugging Face Transformers with RAG pipelines and vector databases like FAISS and Pinecone for enhanced scalability and context.
- Achieved 97% quality benchmarks while addressing AI/technology queries and managing IT ticket escalations.
- Facilitated effective communication between team leads and members by resolving issues, reviewing QA audits, and stabilizing workflows.

---

## ## PROJECTS

### 1. **\*\*GenAI - OfficeBuddy\*\***

RAG-based AI assistant for enterprise-wide knowledge search using Slack and Confluence with semantic retrieval.

### 2. **\*\*VBA - Automation of Job Assignment System (WNS Global Services)\*\***

Automated task assignment process using Excel and VBA, reducing manual errors and improving task categorization by TAT.

### 3. **\*\*GenAI - Suggestify\*\***

Developed an AI system for personalized recommendations (movies, books, podcasts) deployed on Streamlit Cloud.

4. **GenAI - AudioScribe**

Automated audiobook creation from PDFs using TTS models, containerized for scalable deployment.

5. **ML - Financial-Risk-Intelligence-Platform**

Integrated fraud detection and loan default prediction using XGBoost, LightGBM, and FastAPI.

6. **DL - AutoVision - LPR**

Developed a full LPR pipeline with YOLO detection and TrOCR OCR, incorporating a modular MLOps pipeline.

7. **AgenticAI - DataPilot AI**

Automated EDA, data cleaning, feature engineering, and ML model training using autonomous AI agents.

8. **LLM - DharmaAI**

Fine-tuned LLMs for Indian historic and cultural texts, incorporating OCR correction, Sanskrit QA, and summarization.

9. **Data Science - Customer\_360\_Analytics**

Developed pipeline for customer segmentation, RFM, CLV, and cohort analysis.

10. **GenAI - HyperCreate AI Studio**

Integrated LLMs, diffusion models, TTS, and multimodal chains for full-stack content generation workflows.

## 11. **Image Captioning with Deep Neural Networks**

Built an image captioning model utilizing CNNs and LSTMs for generating natural language descriptions.

---

## **## TECHNICAL SKILLS**

- **Machine Learning & Deep Learning:** Model design, neural network architecture, hyperparameter tuning, optimization, transfer learning.
- **Generative & Agentic AI:** LLM fine-tuning, RAG pipelines, multi-agent frameworks, conversational AI.
- **MLOps:** End-to-end ML pipelines, CI/CD automation, Docker, Kubernetes, MLflow.
- **Cloud & DevOps:** AWS services, containerization, CI/CD.
- **NLP:** Text embeddings, semantic search, Transformers, vector databases.
- **Data Engineering:** ETL/ELT pipelines, workflow orchestration.
- **Programming & Tools:** Python, SQL, PyTorch, TensorFlow, LangChain, FastAPI, Streamlit.

---

## **## EDUCATION**

**Bachelor of Engineering in Computer Science**

Siddhant College of Engineering, 2023

Cumulative GPA: 8.70/10

**\*\*Diploma in Computer Engineering\*\***

Dr. D.Y. Patil Polytechnic, Akurdi, Pune, 2018

Percentage: 64.00%

---

## ## INTERESTS

- Exploring new technologies (e.g., Quantum Computing)
- Reading
- Music production and listening
- Strategic Thinking & Planning

...

## ### Revisions and Additions

- Highlighted leadership and design aspects aligning with the role's emphasis on architectural thinking and technical leadership.
- Emphasized experience with end-to-end AI solutions, MLOps pipelines, and multi-agent frameworks.
- Incorporated soft skills and leadership attributes as per the JD's focus on leading high-performing teams and translating business problems into AI solutions.
- Added project descriptions to emphasize hands-on experience in building scalable and context-aware AI systems.

- Retained focus on existing skills while suggesting integration with Databricks-related technologies and governance frameworks based on the JD analysis.

...