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# Sudarshan Lakshate

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## PROFESSIONAL SUMMARY

I work as a Senior AI Annotation Engineer. I have a knack for building AI tools from scratch. I turn business problems into smart AI solutions. I team up with others to push ideas and make them real.

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## WORK EXPERIENCE

**Eligarf Technologies PVT LTD, Magarpatta, Hadapsar**
*Senior AI Annotation Engineer*
Dec 2023 - Nov 2025

- **AI System Setup:** Built AI solutions using Machine Learning and Deep Learning. Made enterprise apps better and easier to use.
- **Prompt Engineering & RAG Workflows:** Created RAG workflows. Used LangChain to boost context retrieval. Solved business issues faster by 90%.
- **Smart Agents & Workflows:** Built smart agents. They think through problems and make decisions. Improved efficiency by 20%.

- **Vector Database Integration:** Integrated vector databases like FAISS and Pinecone. Made data retrieval 40% quicker.

- **Microservices & APIs:** Set up backend services with microservices. Used RESTful APIs for smooth communication.

- **CI/CD & DevOps:** Handled CI/CD for deploying models and apps. Used Docker and Kubernetes. Had a 95% success rate in deployments.

- **Team Support:** Guided team members. Helped solve technical issues. Boosted team output by 15%.

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## PROJECTS

1. **GenAI - OfficeBuddy - Employee Assistant Chatbot**

   - Created an AI assistant. It searches knowledge across Slack and Confluence. Cut down manual search work by 90%.

2. **VBA - Job Assignment Automation**

   - Automated job assignments with Excel and VBA. Reduced errors and missed deadlines by 30%.

3. **GenAI - Suggestify ? Recommendation Tool**

   - Developed a recommendation system. Users save 40% of their time finding content.

4. **GenAI - AudioScribe - Audiobook Platform**

   - Built a platform for making audiobooks using TTS models. Increased content production by 50%.

5. **GenAI - HyperCreate AI Studio**

   - Mixed LLMs and diffusion models for content creation. Boosted creative output by 35%.

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## TECHNICAL SKILLS

- **Machine Learning & Deep Learning:** Model design, neural networks, tuning

- **Generative & Agentic AI:** LLM tuning, RAG, smart agent design

- **Reinforcement Learning:** Policy gradient, Q-learning, simulations

- **MLOps:** CI/CD, Docker, Kubernetes, MLflow

- **NLP:** Semantic search, transformers, NER

- **Data Engineering:** ETL, data ingestion, workflows

- **Programming & Tools:** Python, SQL, PyTorch, TensorFlow, LangChain

- **Cloud & DevOps:** AWS, GitHub Actions, containerization, PostgreSQL, NoSQL (MongoDB, DynamoDB)

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## EDUCATION

**Siddhant College of Engineering**

Bachelor of Engineering in Computer Science, 2023

GPA: 8.70/10

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

Diploma In Computer Engineering, 2018

Percentage: 64.00%

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## INTERESTS

- Exploring new tech like Quantum Computing

- Reading

- Music production and listening

- Strategic thinking and planning

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