Vikram Salunkhe

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Skills

Technical Skills: Python, Java, SQL, Pandas, NumPy, Matplotlib, Scikit-learn, Machine Learning, LangChain, LangGraph, CrewAI, RAG, Vector Databases, FAISS, Pinecone, Fine-Tuning, NLP, Prompt Engineering, Git, Docker, AWS, GCP, Jupyter Notebook, Excel, Django, FastAPI

Soft Skills: Strategic Planning, Product Management, Stakeholder Management, Communication, Agile Methodology, Problem-solving, Leadership, Teamwork, Adaptability

Professional Experience

7 years of professional experience in software engineering, product development, and business operations.

Quantitative Trader   **Satara, Maharashtra, India**
                                                                                   Apr 2023 - Present
- Develop trading strategies and analytical tools using Python and Generative AI to analyze the stock market.
- Focus on market internals and AI-enhanced sentiment analysis for the Nifty 50 index.

Altegic Systems Pvt. Ltd.   **Satara, Maharashtra, India**
Software Engineer and Director   **Sep 2017 - Mar 2023**
- Led business operations across Product Strategy, Business Analysis, Web Development, DevOps, Content Creation, Digital Marketing, and Sales.
- Managed a 3-member team and launched products in AdTech and Matrimony domains.
- Reduced cloud costs by 55% through multi-cloud strategy and resource optimization.

Synoptic Brilliance   **Satara, Maharashtra, India**
Software Engineer and Proprietor   **Sep 2016 - Aug 2017**
- Delivered Web Design and Development services to 7 clients across education, real estate, and co-operative banking sectors.

Persistent Systems Ltd.   **Pune, Maharashtra, India**
Software Engineer   **Jan 2016 - Jul 2016**
- Automated deployment of Hadoop clusters using Ansible.

Education

M.Tech - Computer Science and Engineering   **Sangli, Maharashtra, India**
Rajarambapu Institute of Technology (An Autonomous Institute)   **Aug 2013 - May 2015**
                                                                                   CPI: 8.03

Projects

RAG: Scalable Document Query System ([GitHub](#))
- Developed and deployed containerized RAG application using FastAPI, Docker, Google Cloud Run, LangChain, Pinecone, and OpenAI to enable querying of document knowledge bases and retrieval of accurate, context-aware responses via API.

Medical Report Structuring with OpenAI Fine-Tuned Model ([GitHub](#))
- Developed an NLP system using a fine-tuned GPT-4o-mini model to transform unstructured medical reports into structured JSON format with 98% accuracy, while reducing token usage and costs.

Machine Learning-Based Laptop Price Prediction Model ([GitHub](#))
- Developed and deployed an XGBoost regression model for laptop price prediction, identifying 10 key features influencing pricing strategy.

Additional Information

- **Personal Achievements:** President of M.Tech Students' Association, GATE score: 96.87%ile (Feb 2013)
- **Certification:** OdinSchool Certified Data Science Professional, Sep 2024
- **Publication:** Cloud Computing - A Market Perspective and Research Directions - International Journal of Information Technology and Computer Science (IJITCS), MECS Publisher, Sep 10, 2015