Rushikesh Vijaykumar Sutar

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SUMMARY

A highly motivated and detail-oriented computer science engineering student with a strong passion for Artificial Intelligence and Deep Learning. Experienced in leveraging generative AI and DL frameworks to develop innovative solutions that drive business growth. Proficient in Python, with practical experience in a variety of frameworks and tools for AI applications, data analysis, and backend API creation.

EXPERIENCE

AI Research Intern
AHRC, IIT Bhubaneswar - PyTorch, Python, Conformer, Time-Series Forecasting   January 2026 - Present，Bhubaneswar, India
- Developed novel conformer architectures for ASR systems for transcription of noisy speech
- Collaborated with AHRC teams on training of Time Series Models for stock price forecasting

AI Intern
Clevrr AI - Python, Clickhouse, Git, Flask, LangGraph   November 2025 - January 2026，Bangalore, India
- Built and deployed Agentic AI workflows for real-time data insights
- Worked on knowledge graphs for optimization of LLM models context
- Got hands-on experience on CI/CD pipelines for version control and deployment

Data Analyst Intern
IIT Bombay - EDA, LSTM, Jupyter Notebook, Git, Python   June 2025 - August 2025，Mumbai, India
- Conducted research on time-series forecasting using deep learning models
- Worked on analysis of time-series data and its feature engineering
- Presented findings at T4E conference at IIT Madras

SKILLS

- **Languages:** Python, SQL
- **Frameworks & Libraries:** Pandas, LangChain, LangGraph, Flask, FastAPI, PyTorch
- **AI Specializations:** Exploratory Data Analysis (EDA), Deep Learning Frameworks, Natural Language Processing (NLP), Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), MCP server
- **Databases:** MySQL, MongoDB, Qdrant, Clickhouse   **Tools & Platforms:** Git, GitHub, Docker, CI/CD

INVOLVEMENT

T4E Conference 2025 - IIT Madras
Presented a poster regarding utilizing sequential models to forecast the future engagements based on time series data • December 2025 - December 2025

Beyond Algorithm: GenAI Philosopher (2025). IEEE Xplore.
IEEE conference • November 2025 - November 2025
- Attended ICFT(2025) held at Walchand College of Engineering, Sangli.
- Published our research paper based on optimization of open source large language models to work on low memory GPU resources.

PROJECT

Daily Research Digest
github.com/rushi15003/Personal-Daily-Research-Digest
- Designed and built an AI-powered research agent using LangGraph and Langchain to autonomously generate daily summaries and insights from news topics.
- Implemented an automated workflow to scrape and process information, and then used a large language model (LLM) to synthesize a coherent daily digest.

Philosopher AI
github.com/rushi15003/Philosopher_AI
- Developed a conversational AI chatbot to engage users in deep, meaningful discussions on a wide range of philosophical topics.
- Engineered a custom knowledge base leveraging the Stanford Encyclopedia of Philosophy to provide the chatbot with a rich, context-aware foundation.

EDUCATION

Bachelor of Computer Science Engineering(AIML)
D. Y. Patil College of Engineering, Kolhapur • Kolhapur, India • 2026 • 8.2

CERTIFICATIONS

Introduction to Machine Learning(Duke University)
Coursera • 2025

Generative AI and Accelerated Computing