

Sopan More - AI Engineer

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PROFESSIONAL SUMMARY

AI Engineer with 2 years of experience and bachelors in Engineering with minor in AI&ML. Currently working as AI Engineer with expertise in designing scalable AI/ML solutions, developing AIOps systems, and deploying cloud-based applications. Proficient in full-stack development of Agentic AI Systes, RAG systems, and leveraging large-scale data to drive data-driven decision-making. Passionate about solving complex problems and driving innovation through cutting-edge technologies.

SKILLS SUMMARY

- **ML/DL/NLP:** Machine Learning,Python, Deep Learning, NLP, Generative AI, RAG (Retrieval-Augmented Generation), LLM Fine-Tuning (LoRA), Computer Vision, MLOps, Prompt Engineering
- **Frameworks & Libraries:** Huggingface Transformers, LangChain, Llama Index, TensorFlow, PyTorch, Scikit-learn, spaCy
- **Data & MLOps:** SQL, Azure Cloud Services, Docker, GIT, Vector Databases (ChromaDB, FAISS), MySQL, PostgreSQL
- **Soft Skills:** Leadership, Writing, Time Management, Presentation, communication

EXPERIENCE

- **Bosch Global Software Technologies** Hyderabad, India
AI Engineer (Full-time) Jan 2024 - Present
 - **Enterprise-Scale Web Crawling Agent (Regulatory Compliance):** Designed and deployed a highly scalable web crawler using Python, BeautifulSoup, and async processing to extract regulatory documents from 1000+ URLs with accuracy and efficiency. This is Integrated into Bosch Digital Compliance Research workflows, where it is actively used by team for regulatory intelligence, reducing external agency dependency completely. I has capability to make cyclic checks for regulations updates.
 - **DocupediaAI – RAG-based Intelligent Knowledge Assistant:** Designed and implemented DocupediaAI, a Retrieval-Augmented Generation (RAG) chatbot integrated with Bosch's internal documentation repository (Docupedia) with 1500+ documents. Leveraged Azure OpenAI, Document Intelligence, and Azure Cognitive Search to provide real-time, context-aware responses to Bosch Digital Business Unit's queries. Widely adopted by the Business Development department, significantly accelerating knowledge discovery and reducing knowledge discovery time by 80%.
 - **AI-Powered Intelligent Reporting Platform:** Built an AI agent that generates automated visual business performance reports from structured tabular data, eliminating manual reporting cycles. Achieved end-to-end automation of reporting workflows, reducing reporting time by 90% and improving accuracy of insights.
 - **Cost and Time Efficiency:** Achieved a 95 % reduction in time and cost for HR tasks by leveraging the capabilities of LLMs by automating manual processes, significantly enhancing accuracy and operational efficiency.

PROJECTS

- **LoRA Fine-Tuning for Stable Diffusion:** GitHub Link
 - **Modular Scalable Pipeline:** Built a clean, modular pipeline to fine-tune Stable Diffusion using LoRA, reducing compute cost and enabling easy customization for diverse image generation tasks.
 - **Reproducible MLOps Setup:** Implemented a config-driven training system with versionable JSON files, promoting reproducibility, experiment tracking, and scalable deployment.
- **Stock price Prediction for Next Day using LSTM:** GitHub Link
 - **Data Preparation and Feature Engineering:** Engineered time-series datasets for multiple stocks, incorporating advanced financial indicators (EMA, RSI, MACD) to enhance model input quality.
 - **Model Architecture and Training:** Developed a multi-layer LSTM neural network with dropout regularization, optimizing predictions for high accuracy.

EDUCATION

- **Pune Vidyarthi Griha's College of Engineering and Technology** Pune, India
Bachelor of Engineering - Electrical Engineering; GPA: 9.24/10 June 2023
Accomplishment Completed minor in Artificial Intelligence and Machine Learning
Courses: Artificial Intelligence and Machine Learning(Minor), Deep Learning, Neural Networks, PLC Automation, Electronics

TRAINING/COURSES

- **Complete Generative AI Course With Langchain and Huggingface - Udemy**
Completed an in-depth course on Generative AI, covering key topics such as Langchain, Llama index Huggingface integration, vector databases and building advanced AI applications. Acquired hands-on experience in developing, deploying, and optimizing AI models through practical projects, including RAG pipelines and end-to-end solutions.
- **Advanced Data Analytics By Google Certifications - Coursera**
Gained proficiency in Python programming, advanced data analytics techniques, data cleaning processes, and data visualization using Tableau, with a solid foundation in machine learning principles and applications.