

SAURABH SHINDE

Consultant – II (Generative AI)

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Portfolio Website ▪ Git Hub ▪ LinkedIn

PROFILE SUMMARY

- AI & Machine Learning professional with 3.5+ years of experience, specializing in Generative AI, NLP, Deep Learning, and Machine Learning. Proficient in Python, Azure Cloud, Azure DevOps, and Azure OpenAI, with expertise in LLMs, LangChain, Chatbots, and RAG-based systems. Skilled in building and deploying AI solutions using TensorFlow, PyTorch, Scikit-learn, and NLP frameworks. Experienced in Azure AI services, data science, and cloud-based AI automation.

STRENGTHS AND EXPERTISE

- Generative AI** : LLM, prompt engineering, Langchain, LLAMA_2, Chatbot, explainable AI, Shapash, Lime, chainlit, streamlit, Ragas.
- Deep Learning**: Skilled in implementing models using frameworks such as Scikit-learn, TensorFlow, and Keras. opencv, torch.
- Machine Learning**: Strong understanding of various machine learning algorithms, including regression, classification, clustering, decision trees, random forests.
- Natural Language Processing**: Expert in text analysis, sentiment analysis, and language generation with NLTK, spaCy, and Transformers.
- Cloud Services**: Azure AI search, Azure WebApp, Azure Functions, Azure key vault, Azure cognitive services, Azure OpenAI, Microsoft Graph API, AWS Secrets Manager.
- DevOps**: Azure DevOps, CI/CD Pipelines, Terraform Scripts, Webapp, Azure functions.
- Data Analysis and Visualization**: Proficient in Python and SQL to extract, clean, and analyze large datasets. Experienced in using libraries such as Pandas, NumPy, and Matplotlib for data manipulation, exploration, and visualization.
- Communication and Collaboration**: Strong verbal and written communication skills, with the ability to present technical findings to both technical and non-technical stakeholders. Collaborative team player with excellent problem-solving and interpersonal skills.

PROFESSIONAL EXPERIENCE

CAPCO- Pune

June 2024 – Present

Consultant-II (Generative AI)

Roles and Responsibilities:

- Developed an intelligent chatbot solution using Python, Azure Cloud, Azure OpenAI, and Azure DevOps.
- Integrated Model Monitoring to monitor the model performance with parameters like accuracy, completeness, hallucination, robustness, efficiency, latency, harmfulness, bad-actor, etc.
- Implementing CI/CD pipelines to automate deployment and streamline development.

Prodapt Solutions- Chennai

Nov 2022 – June 2024

Senior Software Engineer (Machine Learning)

Roles and Responsibilities:

- Develop and implement machine learning models to predict customer behaviour, optimize pricing strategies, and improve marketing campaign effectiveness, resulting in a 15% increase in customer acquisition and a 10% boost in revenue.
- Automate data extraction and pre-processing tasks using Python scripting, reducing data processing time by 30% and improving data quality.

Data Analyst

Roles and Responsibilities:

- Conducted data cleaning, transformation, and analysis of customer data, resulting in the identification of key customer segments and the development of targeted marketing strategies.
- Developed and maintained SQL queries and scripts to extract data from relational databases, enabling efficient data retrieval and analysis.

INDUSTRY PROJECTS**Generative AI (Frontline Assistant)****June 2024 – Present**

Business Idea:

- The AI HR Assistant with prompt engineering is an innovative solution aimed at enhancing HR processes by leveraging advanced AI technologies.

Generative AI (HR Assistant)**Aug 2023 – June 2024**

Business Idea:

- The AI HR Assistant with prompt engineering is an innovative solution aimed at enhancing HR processes by leveraging advanced AI technologies.

Sales Win Prediction**Dec 2023 – June 2024**

Business Idea:

- Sales Win Prediction offers AI-driven analytics to forecast and optimize sales outcomes, empowering businesses to make data-driven decisions and increase their win rates.

Employee Performance and Attrition Prediction**Dec 2022 - Aug 2023**

Business Idea:

- Developing an AI-powered platform that utilizes employee data and machine learning algorithms to predict performance and attrition, enabling organizations to proactively identify at-risk employees and take strategic actions to improve retention and productivity.

PERSONAL PROJECTS

- AI Teacher
- Talk to documents
- Log Anomaly Detection
- RAG Chatbot
- OCR Cheque Data Extraction

AWARDS AND RECOGNITION

- Hackathon Winner – 2024
- Spotlight Award - 2023
- Team Cheer Award – 2023

EDUCATION**ME – (First Class Distinction)****Completed in 2022**

AISSMS College of Engineering, Pune.

BE – (First Class)**Completed in 2019**

NBN Sinhgad School of Engineering, Pune.

HSC – (First Class)**Completed in 2015**

Bharat Children's Academy & Jr. College, Walchandnagar.

SSC– (First Class)**Completed in 2013**

Bharat Children's Academy & Jr. College, Walchandnagar.

PROFESSIONAL COURSES

- DataCamp Certified: - Intermediate Python for Data Science.
- DataCamp Certified: - Introduction to Python for Data Science.