SAURABH SHINDE

SENIOR SOFTWARE ENGINEER

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Portfolio-Website · ◯ GitHub · **in** LinkedIn

PROFILE SUMMARY

- More than 3+ years of experience in the Machine Learning domain. I am now seeking a challenging position to utilize my skills and work on Python, Machine Learning, Deep Learning, Generative AI, Prompt Engineering, Pandas, Numpy, Scikit-learn, Data Science, ANN, CNN, Matplotlib, TensorFlow, NLP.

SKILLS

- **Advanced AI:** Generative AI, LLM, prompt engineering, ChatGPT, Langchain, LLAMA_2, Chatbot, explainable AI, Shapash, Lime, chainlit, streamlit.
- **Deep learning:** Skilled in implementing models using frameworks such as Scikit-learn, TensorFlow, and Keras.
- **Machine Learning:** Strong understanding of various machine learning algorithms, including regression, classification, clustering, decision trees, Random forests.
- **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.
- **Statistical Analysis:** Sound knowledge of statistical concepts and techniques, and time series analysis.Capable of applying statistical methods to draw meaningful insights from data.
- **Data Mining:** Familiarity with data mining techniques, and association rules, for discovering patterns and extracting valuable information from complex datasets.
- **Cloud Services:** Azure OpenAI**,** Azure Functions, Azure Key Vault, AWS Secrets Manager.
- **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 withexcellent problem-solving and interpersonal skills.

PROFESSIONAL EXPERIENCE

Prodapt Solutions- Chennai   **Nov 2022 - Present**
Senior Software Engineer

Roles and Responsibilities:

- Design and develop the AI model for natural language understanding.
- Develop and implement machine learning models to predict customer behavior, optimize pricing strategies, and improve marketing campaign effectiveness, resulting in a 15% increase in customer acquisition and a 10% boost in revenue.
- Perform exploratory data analysis on complex datasets, identify patterns, and generate actionable insights to support business decision-making processes.
- Automate data extraction and preprocessing tasks using Python scripting, reducing data processing time by 30% and improving data quality.

TVSSCS - Pune   **Jun 2021 - Nov 2022**
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

GenAI and RAG **Dec 2023 - Present**

Business Idea:

- Revolutionize HR support with an AI-powered assistant, streamlining employee query resolution for seamless workflow efficiency.

Sales Win Prediction **Aug 2023- Present**

Business Idea:

- Engineered a predictive sales model leveraging machine learning algorithms to forecast win or loss probabilities, enhancing strategic decision-making and optimizing sales performance.

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

Image Classification **Jun 2021 - Nov 2022**

Business Idea:

- The aim of this project is to classify the fruits as fresh or rotten from their images. Convolution Neural Network (CNN) a deep learning technique is used with pooling, padding, and dropout layers

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PERSONAL PROJECTS

- AI Virtual Teacher
- Cheque Data Extraction
- Chat with Documents
- Log Anomaly Detection

AWARDS AND RECOGNITION

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

EDUCATION

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
BM Certified: - Hadoop Foundation Certificate Course - Hadoop 909