SAURABH SHINDE

SENIOR SOFTWARE ENGINEER

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💼 AI Dev Portfolio · ⊙ Git Hub · in LinkedIn

PROFILE SUMMARY

- More than 4+ years of experience in the Machine Learning domain. I am now seeking a challenging position to utilize my skills and work on Generative AI, Prompt Engineering, Python, Machine Learning, Deep Learning, Pandas, Numpy, Scikit-learn, Data Science, ANN, CNN, Matplotlib, TensorFlow, NLP.

STRENGTHS AND EXPERTISE

- **Advanced AI:** LLM, prompt engineering, Langchain, LLAMA_2, Chatbot, explainable AI, Shapash, Lime, chainlit, streamlit.
- **Deep learning:** Skilled in implementing models using frameworks such as Scikit-learn, TensorFlow, andKeras. opencv, torch.
- **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.
- **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

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.

Honeywell - Pune   **Nov 2019 - Nov 2022**
Associate 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 (HR Assistant)   **Aug 2023 - Present**

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 - Present**

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

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

Fruit Image Classification   **Feb 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

Data Extraction and Visualization   **Jan 2020 - Dec 2020**

Business Idea:
* Data Extraction from different sources and transforming in a reauired format using python, MYSQL and MSSQL

PERSONAL PROJECTS

* AI Virtual Teacher
* Cheque Data Extraction
* Talk to your data
* Log Anamoly 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