

SAURABH SHINDE

SENIOR SOFTWARE ENGINEER

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📁 AI Dev Portfolio ▪ 🌐 Git Hub ▪ 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 Generative AI, Prompt Engineering, Python, Machine Learning, Deep Learning, Pandas, Numpy, Scikit-learn, Data Science, ANN, CNN, Matplotlib, TensorFlow, NLP.
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STRENGTHS AND EXPERTISE

- **Generative 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, 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..
 - **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
 - **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.
 - **Cloud Services**: Azure Functions, Azure key vault, Azure cognitive services, Azure OpenAI, Microsoft Graph API, AWS Secrets Manager
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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 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.

TVSSCS – Pune

June 2021 – Apr 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.
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INDUSTRY PROJECTS

Generative AI (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:

- 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.

Ticket Classification

Feb 2021 – Apr 2022

Business Idea:

- Utilizing NLTK, TextBlob, and BERT, develop an automated ticket classification system for businesses, streamlining customer support operations.

Data Extraction and Visualization

June 2021 – Apr 2022

Business Idea:

- Data Extraction from different sources and transforming in a required format using python, MYSQL and MSSQL.

PERSONAL PROJECTS

- AI Teacher
- Talk to documents
- Log Anomaly Detection
- 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.
- IBM Certified: - Hadoop Foundation Certificate Course - Hadoop 909