

Sonali Bhise

AI/ ML – Developer (3.7 Years)

+91 9561461319 • sonalibhise190895@gmail.com •

Results-driven Data Scientist with a proven track record in leveraging AI, ML, and DL technologies, including Transformers, to drive business optimization and enhance decision-making. Seeking a challenging role where I can apply my expertise in machine learning, data analysis, and model development to solve complex problems and deliver valuable insights. Proficient in DL frameworks such as TensorFlow and PyTorch, with hands-on experience in computer vision, NLP, and statistical analysis. Committed to continuous learning and staying at the forefront of advancements in the field, I aim to contribute to innovative projects and make a significant impact in the field of data science.

Technical Skills

- Programming: **Python, Object-Oriented Programming (OOP), Regular Expressions**
 - Data Analysis: **NumPy, Pandas, Scikit-learn**, Exploratory Data Analysis (EDA), **SQL**
 - Data Visualization: **Matplotlib, Seaborn, Plotly**, Interactive Dashboards
 - Deep Learning: **TensorFlow, Keras, PyTorch, Convolutional Neural Networks (CNN), Artificial Neural Networks (ANN), Recurrent Neural Networks (RNN)**
 - Natural Language Processing (NLP): **NLTK, Transformers, BERT, Word Embeddings (Word2Vec, GloVe), Named Entity Recognition (NER), Sentiment Analysis, Text Classification**
 - Statistical Analysis: PCA (Principal Component Analysis), Hypothesis Testing, Regression Analysis (Linear, Logistic), ANOVA (Analysis of Variance), Cluster Analysis
 - Web Development: **Flask**, RESTful APIs, HTML, CSS
-

Professional Synopsis-

- Sound Knowledge in AI and Machine Learning & DSA (Data Structures & Algorithms).
 - Proficient in Core Python and its libraries and Modeling - regression, classification, linear etc.
 - Proficient in building highly scalable and optimized engines for Data Analytics.
 - Strong exposure in RDBMS (MySQL, MongoDB, Document DB, MSSQL) and Servers
-

Professional Experience-

eProcurement Technologies Limited (Ahmedabad) - AI/ ML – Developer

05/2023 – Present

AI Pioneer Leads the Way: Revolutionizing Workflows and Achieving High-Performance Results

- As the 1st batch of AI in the company, automatically led the team as the situation demanded
- Suggested optimal data structures for model implementation
- Created baseline models and executed multiple concurrent AI and ML projects to streamline operations and reduce manual labor
- Implemented advanced NLP algorithms to enhance customer service
- Achieved impressive results in complex multi-label text classification (793 labels) attaining an weighted precision of 80%
- Successfully developed Tender GPT, an automated response generator for eProcurement Technology
- Successfully developed Speech to Text Model for the dependent projects.
- Collaborated closely with clients to understand their unique needs and tailor ML solutions to their specific business challenges.
- Developed the Entity Recognition Model which helps to identify the Entities
- Utilized Flask for deployment and collaborated with the frontend team to integrate AI solutions into user-friendly applications.

Delivering Customized ML Solutions for Regression, Classification, and Clustering Problems

- Collaborated with senior personnel to establish and maintain data modeling standards, ensuring consistency and accuracy across projects.
- Applied statistical and algebraic techniques to extract valuable insights from collected data, facilitating informed decision-making.
- Conducted thorough analysis and provided actionable recommendations to address complex business problems using both internal and external data sources.
- Utilized advanced analytical methods to evaluate factors impacting growth and profitability, contributing to strategic planning and optimization efforts.
- Successfully developed the model which helps evaluating and predicting the repayment ability of the loaners is important for the banks to minimize the risk of loan payment default.
- Collaborated closely with clients to understand their unique needs and tailor ML solutions to their specific business challenges.
- Demonstrated expertise in translating complex technical concepts related to regression, classification, and clustering into clear and actionable insights for clients.

Education -

Degree	Institution	Year	Percentage/CGPA
MBA(Business Analytics)	Savitribai Phule University,Pune	2019-2021	82 %
B.Tech (I.T)	Shivaji University, Kolhapur	2013-2017	CGPA 7.1
HSC	Willingdon College, Sangli	2011-2013	64.00 %
SSC	New English School, Hivare	March-2011	91.64 %

Personal Details-

Current Address : Ahmedabad, Gujarat
Permanent Address : Wagholi, Pune, Maharashtra
Date of Birth : 19 August 1995
Hobbies : Singing, Writing, Reading, Gardening
Languages Known : English, Marathi, Hindi and Gujarati