BHUSHAN SANJAY ZADE

PUNE INDIA | 9623613486 bhushanzade02@gmail.com
GitHub | LinkedIn | Portfolio | LeetCode | HackerRank

SUMMARY

Junior Data Scientist with over 1 year of project experience in data analysis, machine learning, and problem-solving. Adept at building models to solve real-world challenges, with a strong foundation in statistics and programming. Passionate about applying data-driven solutions to deliver impactful results Quick to learn and ready to contribute to impactful data projects

ACADEMIC PROJECT

Machine Learning Library Development | **Pune, India**
Project Lead | 01/2025 – Present
- Developing a machine learning library from scratch, implementing classic ML algorithms such as simple linear regression, multiple linear regression, gradient descent, stochastic gradient descent, and logistic regression
- Building a scikit-learn-based library for prediction, focusing on model training and prediction with processed data
- Implementing various evaluation metrics including mean squared error, mean absolute error, root mean squared error, R2 score, and adjusted R2 score
- Conducting extensive testing and validation to ensure accuracy, efficiency, and reliability of models within the library

SMS Fraud Detection System | **Pune, India**
Project Lead | 04/2025 – Present
- Developed a machine learning-based SMS fraud detection system to identify and classify fraudulent messages from machine learning algorithms
- Pre-processed SMS data by cleaning, tokenizing, and vectorizing text with techniques like TF-IDF and Word2Vec
- Implemented machine learning algorithms such as Logistic Regression, Random Forest, and Support Vector Machines (SVM) to create an effective classification model
- Evaluated the model's performance using metrics like precision, recall, F1-score, and accuracy to optimize fraud

SKILLS

C, C++, R, Python, Haskell, SQL, Linux, windows, MacOS, Python (NumPy, Pandas, Matplotlib, scikit-learn), Exploratory Data Analysis (EDA), Power BI, Matplotlib, Seaborn, Tableau, Supervised Learning, Unsupervised Learning, Machine Learning, Git (for version control), GitHub, Statistical Inference, Jupyter Notebooks, Excel, Object-Oriented Programming, Web Scrapping, Natural Language Processing (NLP), FastAPI, Docker

EDUCATION

Savitribai Phule Pune University | Pune India
MSC Scientific Computing, Modelling Simulation | 7.64 SGPA | 05/2026

Government Institute of Science Nagpur | Nagpur India
BSC Computer Science, Statistics, Mathematics | 7.09 CGPA | 05/2024

Tejasvi Vidya Mandir high school & Jr. College | Nagpur India
HSC | 92 % | 2021 | and | SSC | 2019 | 80.80%