SARVESH BALASAHEB KOKANE

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Professional Summary

Computer Engineering graduate with strong programming skills in Python and hands-on experience in AI and machine learning technologies. Experienced in developing and implementing data-driven solutions using deep learning models with TensorFlow, along with data preprocessing and performance evaluation.
Comfortable working in Linux-based environments and using developer tools such as GitHub and Jupyter Notebook. Seeking an entry-level role where I can apply my programming, problem-solving, and AI technology skills to build scalable and efficient software solutions.

Technical Skills

Programming Languages: Python, SQL, HTML
Machine Learning: Supervised & Unsupervised Learning, Model Training, Evaluation
Data & Libraries: Pandas, NumPy, Data Preprocessing, Feature Engineering
Operating Systems: Linux (basic commands, file system, scripting)
Software Development: Object-Oriented Programming (OOP), Data Structures, Problem Solving
Cloud: AWS (EC2)
Soft Skills: Problem Solving, Team Collaboration, Time Management

Education

Bachelor of Engineering in Computer Engineering (2022 – 2025)
Savitribai Phule Pune University (SPPU), Pune, Maharashtra

Diploma in Computer Technology (2019 – 2022)
MSBTE – AVPOLY, Sangamner, Maharashtra

Secondary School Certificate (SSC) (2018 – 2019)
State Board, Pune, Maharashtra

Projects

1. Diabetic Retinopathy Detection System (AI-Based Image Classification)

- Designed and developed an AI-based image classification system to detect diabetic retinopathy from retinal images.
- Implemented deep learning models using TensorFlow and CNN architectures with image preprocessing and data augmentation.
- Evaluated model performance using accuracy, precision, recall, and AUC to ensure reliable predictions.
- Worked in a Linux environment and used Python libraries for data handling and model training.

2. Stock Market Price Prediction System

- Developed a time-series forecasting application to predict stock market closing prices using historical data.
- Implemented deep learning models including LSTM, GRU, BiLSTM, and Simple RNN to analyze trends and improve prediction accuracy.
- Performed data preprocessing, feature engineering, and hyperparameter tuning to optimize model performance.
- Used Python, Pandas, NumPy, and TensorFlow for model development and evaluation.

Certifications

NASSCOM Certified Data Scientist (2025)

- Completed industry-recognized training in Python, AI, Machine Learning, and Data Science concepts.
- Gained hands-on experience with real-world datasets and model development.