Abhishek Kushwaha

■ Pune, Maharashtra, India | ■ +91-7276657875 | ■ ajitkushwaha0008@gmail.com
LinkedIn | GitHub | Portfolio

SUMMARY

A dedicated **Machine Learning practitioner** with internship experience building and deploying predictive models that improved forecast accuracy by up to **18%**. Seeking a **Data Scientist** role where I can apply my skills in **Python, TensorFlow,** and **Scikit-learn** to solve complex business problems, with a particular interest in developing robust recommendation systems and analytical tools.

TECHNICAL SKILLS

Programming Languages: Python, SQL, MySQL, SQLite
Machine Learning/Deep Learning: Scikit-learn, TensorFlow, Keras, PyTorch
Data Science & Visualization: Pandas, NumPy, Matplotlib, Seaborn, OpenCV
Developer Tools & Platforms: Git/GitHub, Flask, Jupyter, Anaconda, Excel
Core Concepts: Machine Learning, Deep Learning, Data Structures & Algorithms, OOP

EXPERIENCE

Data Science Intern | Rubixe
Hyderabad | Jan 2025 – Jul 2025
• Developed and trained a Random Forest classifier to predict diabetes with 87% accuracy.
• Conducted a comparative analysis of multiple ML algorithms to validate model selection and ensure optimal performance.
• Re-engineered a chat file structure to improve data retrieval, ensuring backward compatibility and efficient search integration.

Machine Learning Intern | 1Stop.ai (Fox Trading)
Maharashtra | Mar 2024 – Aug 2024
• Improved a key predictive model's accuracy by 18% using recursive feature elimination and hyperparameter tuning.
• Engineered a data pipeline using Python and Pandas to clean and transform large datasets, enhancing prediction reliability.
• Built and trained scalable ML models utilizing Scikit-learn, TensorFlow, and Keras for predictive tasks.

PROJECTS

Movie Recommendation System
• Engineered a content-based recommendation system using TF-IDF vectorization and cosine similarity on 5,000+ movies.
• Developed and deployed an interactive web app using Streamlit for real-time recommendations.
■ GitHub Repository

Sales Prediction Model
• Built a sales forecasting model using historical retail transaction data to predict monthly sales.
• Engineered time-series features and compared Linear Regression vs. Random Forest, achieving 87% accuracy.
• Visualized trends and insights using Matplotlib and Seaborn.
■ GitHub Repository

ACADEMIC COURSEWORK & SELF-STUDY

Sir Visvesvaraya Institute of Technology, Nashik (2021 – 2023)
Completed 2 years of coursework towards a Bachelor of Engineering in Computer Science.

Relevant Coursework: Computer Vision, SQL, Data Structures, Algorithms, and Problem Solving.
Made a strategic decision to transition to self-driven learning and practical industry experience to apply theoretical knowledge directly to real-world Data Science challenges.