BHUPENDRA RATHORE

Machine Learning Engineer

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PROFESSIONAL SUMMARY

Results-driven Machine Learning Engineer with hands-on experience in AI model development, computer vision, and predictive analytics. Proven track record of building end-to-end ML solutions using TensorFlow, PyTorch, and Python. Seeking to leverage technical expertise in deep learning and data science to drive innovation in AI-powered applications.

TECHNICAL SKILLS

- Programming: Python, Java, JavaScript, C++
- Machine Learning & AI: Supervised/Unsupervised Learning, CNN, RNN, NLP, Computer Vision, Model Evaluation
- Frameworks & Libraries: TensorFlow, PyTorch, Keras, Scikit-learn, Pandas, NumPy, Matplotlib
- Tools & Platforms: Git/GitHub, Streamlit, Flask, Jupyter Notebook, Power BI, Visual Studio
- Databases: MySQL, PostgreSQL
- Deployment: Model Deployment, API Integration, Cloud Platforms

WORK EXPERIENCE

1. **AI & ML Trainee | Maxgen Technologies Pvt. Ltd., Ahmedabad | May 2025**

• Developed machine learning models using Python, TensorFlow, and PyTorch for real-world applications
• Implemented computer vision algorithms and NLP solutions with 90%+ accuracy metrics
• Collaborated with development teams on ML model deployment and optimization strategies

2. **System Engineer | Flipkart, Jaipur | Sep 2023 - Dec 2023**

• Maintained high-availability systems for e-commerce platform serving millions of users
• Optimized system performance and implemented monitoring protocols reducing downtime by 15%
• Developed technical documentation and collaborated with cross-functional teams

PROJECTS

1. **Potato Leaf Disease Detection System**

• Built CNN-based computer vision system using TensorFlow for real-time agricultural disease classification
• Achieved 95% accuracy in disease detection, deployed via Streamlit web application for farmer accessibility
• Tech Stack: Python, TensorFlow, CNN, Streamlit, OpenCV

2. **Bank Customer Churn Prediction**

• Developed predictive model using Scikit-learn to identify at-risk customers with 88% precision rate
• Implemented feature engineering and hyperparameter tuning, deployed interactive dashboard
• Tech Stack: Python, Scikit-learn, Pandas, Streamlit, Data Analytics

3. **Real-Time VWAP Stock Price Predictor**

• Built time-series prediction model using XGBoost with live market data integration via yfinance API
• Created interactive visualization dashboard with real-time predictions for trading decision support
• Tech Stack: Python, XGBoost, yfinance API, Streamlit, Time-series Analysis

EDUCATION

Master of Computer Application | University of Rajasthan, Jaipur | Jan 2025
Bachelor of Science (Information Technology) | Vivekananda Global University, Jaipur | Jan 2023