

PERVAIZ AHMED BROHI

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[\[GitHub Profile\]](#) | [\[LinkedIn Profile\]](#)

PROFESSIONAL SUMMARY

Driven Python Developer & Machine Learning Engineer with hands-on experience developing data processing pipelines, predictive ML models, and interactive software tools. Proven ability to combine technical skills (Python, Scikit-Learn, Pandas, APIs, Git) with over 3 years of international remote business experience managing complex US operations. Adept at bridging technical solutions with real-world business objectives for international remote teams.

TECHNICAL SKILLS

Programming Languages: Python, SQL (Basic)

Machine Learning & Data Science: Scikit-learn, Data Preprocessing, Feature Engineering, Model Evaluation (Precision, Recall, F1-Score, RMSE), Statistics

Development & Tools: Git, GitHub, REST APIs, Object-Oriented Programming (OOP), File Handling (CSV/JSON), VS Code, Exception Handling

Professional Competencies: Remote Collaboration, Data Analysis, Process Automation, Cross-functional Communication

PROFESSIONAL & TECHNICAL EXPERIENCE

Machine Learning Engineer Intern | *FlyRank AI* | Jun 2026 – Present

Developed and benchmarked supervised Machine Learning models using Scikit-learn and Python, improving predictive baseline accuracies across project datasets.

Performed end-to-end data preprocessing, feature engineering, and missing-value handling on raw datasets to ensure high data quality prior to model training.

Conducted comprehensive model evaluations utilizing precision, recall, confusion matrices, and mean squared error metrics to optimize hyperparameter tuning.

Utilized Git/GitHub for version control and workflow collaboration in an Agile development environment.

Artificial Intelligence Intern | *CodeAlpha* | 2024

Engineered script-based AI algorithms and micro-projects in Python, focusing on algorithmic problem-solving and automated decision logic.

Applied foundational machine learning workflows to mini-datasets, implementing exploratory data analysis (EDA) using standard Python data libraries.

Documented project workflows and codebases to maintain standardized technical specs for team reference.

E-commerce & Amazon Operations Manager | *Express Publishing LLC (USA)* | Jan 2021 – Sep 2024

Scaled monthly revenue from \$0 to \$500,000+ by implementing targeted product research algorithms, inventory tracking, and sales optimization strategies.

Led and managed a team of operational assistants, automating workflow tracking to increase daily team processing efficiency by 30%.

Delivered full lifecycle Amazon Virtual Support (account health, customer query automation, and inventory management) across US-based stakeholder accounts.

Real Estate Sales Support | *Investor Dropbox (USA)* | May 2020 – Nov 2021

Managed and published real estate property catalog listings, ensuring accurate property data entry and standardizing listing schemas.

Negotiated directly with prospective international buyers, contributing to the closure of high-value property deals.

KEY PROJECTS

Student Record & Data Analytics System | *Python, CSV, Statistics*

Built an automated student database management system handling multi-variable records with data validation, lookup algorithms, and statistical reporting.

Implemented robust exception handling and file-system persistence mechanisms, eliminating data corruption risks during concurrent reads/writes.

Banking Simulation & Mini-ATM Engine | *Python, OOP, Exception Handling*

Designed a menu-driven, state-aware banking simulator capable of processing deposit, withdrawal, balance validation, and account transfer logic.

Enforced modular, object-oriented software practices to streamline user input validation and security checks.

EDUCATION

Bachelor of Science in Information Technology

University of Sindh, Pakistan | 2022 – 2025

CERTIFICATIONS & TRAINING

Machine Learning Engineer Internship – *FlyRank AI*

Artificial Intelligence Internship – *CodeAlpha*

Python Programming Certification

E-Commerce Level 4 – *GIZ / ZABTECH*

LANGUAGES

English: Professional Working Proficiency

Urdu: Native