MUHAMMAD USAMA NOONARI

AI & DATA SCIENCE DEVELOPER | PYTHON ENGINEER

Hyderabad, Sindh, Pakistan • +92 319 7921318 • musamanoonari@gmail.com
linkedin.com/in/muhammad-usama-noonari-98a011328 • muhamadusamanoonari-coder.github.io

PROFESSIONAL SUMMARY

Results-driven AI & Python Developer with hands-on experience in predictive analytics, machine learning model optimization, and full-stack web applications. Proven track record in training ML models (Scikit-Learn, TensorFlow) achieving >85% accuracy, developing real-time interactive dashboards, and building custom analytics engines. Passionate about translating complex data into actionable operational insights.

TECHNICAL SKILLS

Machine Learning & AI: Python, Scikit-learn, TensorFlow, Random Forest, Logistic Regression, Time-Series Forecasting (Prophet)

Data Science & XAI: SHAP (Model Interpretability), Exploratory Data Analysis (EDA), Feature Engineering, Pandas, NumPy

Computer Vision: OpenCV, MediaPipe, Face Recognition

Web Development & Dashboards: Streamlit, Django, React.js, JavaScript (ES6+), Plotly, Recharts

Databases & Tools: SQL, Microsoft Access, REST APIs, Git/GitHub

WORK EXPERIENCE

Data Science & Analytics Intern | *DevelopersHub Corporation (Remote)* **Dec 2025 – Feb 2026**

- Engineered and fine-tuned Random Forest and Logistic Regression models for Customer Churn and Loan Eligibility classification, consistently achieving >85% prediction accuracy.
- Conducted exploratory data analysis (EDA) across medical and financial datasets to isolate primary cost drivers and operational inefficiencies.
- Implemented time-series forecasting using Facebook Prophet to evaluate energy consumption trends and assist in workload forecasting.

Python Developer Intern | *People's IT Program (PITP) / Hashim School of IT* **Jan 2026 – Mar 2026**

- Developed modular Python applications, implementing core object-oriented programming principles and data-processing scripts.
- Collaborated on team software builds, resolving critical bugs and streamlining code execution efficiency.

FEATURED PROJECTS

MedAI Pro — *AI Health Risk Assessment Suite*

- Built an end-to-end clinical risk prediction app using Python, Streamlit, and Scikit-learn.
- Integrated SHAP for explainable AI insights, allowing users to interpret model predictions on lab biomarkers alongside dynamic Plotly visualizations.

Rizq-Chain — *Food Logistics & Route Optimization Platform*

- Developed a Django and JavaScript web application integrating Google Maps API to streamline surplus food redistribution.
- Designed routing mechanics aimed at optimizing driver navigation and reducing regional food waste.

SolarSmart & Dropure — *Business Intelligence & FinTech Engines*

- Built browser-based financial and inventory management dashboards using React.js and Recharts for real-time Profit/Loss tracking.

EDUCATION & INTENSIVE TRAINING

FSc Pre-Engineering | *Govt. College University, Hyderabad* **2025 – 2027**

Diploma in AI & Data Science (14-Month Program) | *Saylani Mass IT Training (SMIT)* **2025 – 2026**

Supervised by Assoc. Prof. Yasir Nawaz (Univ. of Sindh) | Focused on ML, Deep Learning, SQL, & Python

Computer IT Assistant Certificate | *BBSHRRDB / Isra University* **2026**

CERTIFICATIONS & ACHIEVEMENTS

- **Certifications:** Cisco Python Essentials 1 & 2 (PCAP Aligned), Cisco JavaScript Essentials 2 (JSE Aligned)
- **Hackathons:** Participant, Indus AI Week Hackathon (NIC Hyderabad / Tech Nation Pakistan, 2026); Participant, SMIT 8-Hour & 12-Hour Coding Nights (2025, 2026)