MUHAMMAD SHAHMEER

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PROFESSIONAL SUMMARY

Data Scientist with a Master's degree foundation and strong expertise in statistical analytics, software development, and visual storytelling. Skilled in transforming complex datasets into intuitive user experiences and actionable business insights using Python, C++, and SQL. Proficient in bridging the gap between backend data and frontend design to drive strategic decision-making.

EXPERIENCE

VapourAI *Naples, Italy · Remote*
Associate AI Engineer *Feb 2025 – Present*

- Designed, developed, and deployed machine learning and AI solutions, focusing on robust data preparation and automated model training pipelines.
- Optimized model performance and system efficiency using Python and FastAPI, ensuring scalable and reliable AI integration.

TugOnn Schweiz *Zurich, Switzerland · Remote*
Social Media Marketing Volunteer *Jan 2026 – Present*

- Data-Driven Growth: Leveraging data analysis skills to monitor social media performance, track engagement metrics, and optimize content reach for a growing international student audience.

Upwork *Naples, Italy · Remote*
UI/UX Designer *Sep 2023 – Present*

- Developed high-fidelity wireframes, interactive prototypes, and responsive interfaces using Figma to streamline the development handover process.

Daraz (Beloved Bazaar) *Sakrand, Pakistan · Remote*
Ecommerce Business Owner *Feb 2022 – Nov 2024*

- Spearheaded the creation and growth of "Beloved Bazaar," a successful e-commerce store, overseeing product sourcing, inventory management, and logistics.
- Optimized supply chain operations and ensured on-time delivery metrics, resulting in improved customer satisfaction and retention.

SkillWave IT Solutions & Academy *Sakrand, Pakistan · On-site*
Ecommerce Specialist *Feb 2022 – Feb 2024*

- Managed end-to-end online store operations, including catalog management and product listing optimization to increase visibility.

PROJECTS

GDPR Privacy Scanner: Paid AI-Agent Skill (Agensi) *Python, GDPR, Privacy, Agent Skills*

- Built and sell an agent skill that finds personal data in datasets and code, pseudonymises it with a secret key and writes a GDPR report; blind test on 20 tables in 16 languages: 130/164 columns found, 8/116 false alarms.

EU AI Act Readiness Kit: Paid AI-Agent Skill (Agensi) *Python, EU AI Act, Agent Skills*

- Built and sell an agent skill that classifies AI products under the EU AI Act, lists dated obligations and drafts Annex IV docs; blind test on 166 Commission examples: 161 right, all 64 high-risk systems found.

Trusted SQL Analyst: Paid AI-Agent Skill (Agensi) *Python, SQL, sqlglot, DuckDB*

- Built and sell an agent skill that turns plain-English questions into SQL and proves the answer (database map, glossary, 25 checks, second query); it exposed revenue counted 9× over and caught 14/16 SQL mistakes in a blind test.

ML Pipeline Auditor: Paid AI-Agent Skill (Agensi) *Python, AST, scikit-learn, Agent Skills*

- Built and sell an agent skill that audits ML code and notebooks for leakage and test-set misuse (26 rules, data split check, CI/SARIF); it exposed a fake F1 of 0.99 (honest 0.75) and was right on 15/16 findings in unseen real code.

QueryPilot MCP: Safe SQL for AI Agents (Open Source) *Python, MCP, DuckDB, Docker*

- Built an MCP server that lets AI agents query local CSV, Parquet, Excel and SQLite files read-only (sandbox, 1,000-row cap, 30 s timeout, audit log); it blocked 60/60 unsafe queries and answered 41/41 real questions correctly.

DataSkills: Agent Skills for Correct Data Science (Open Source) *Python, pandas, scikit-learn, AI Agents*

- Built open-source AI-agent skills for EDA, logged cleaning and leakage checks; on 4 real datasets they caught 81/81 planted leaks (0 false alarms), restored 1,811/1,811 broken cells and exposed a fake 97% Titanic score (honest: 79%).

EDUCATION

Università degli Studi di Napoli Federico II *Naples, Italy*
Masters in Data Science *September 2025 - Present*

Shaheed Benazir Bhutto University, Shaheed Benazirabad *Nawabshah, Pakistan*
Bachelors in Information Technology *February 2021 - January 2025*

- Relevant Courses: Artificial Intelligence, Data Structures & Algorithms, Probability & Statistics, Digital Image Processing, Database Systems, Cloud Computing, Linear Algebra, Operations Research

PROFESSIONAL CERTIFICATES

Certificate of completion: Claude 101 - Jul 2026
Issuing Organization: Anthropic

Ask Questions to Make Data-Driven Decisions - Dec 2025
Issuing Organization: Google

Foundations: Data, Data, Everywhere - Dec 2025
Issuing Organization: Google

Technical Support Fundamentals - Nov 2025
Issuing Organization: Google

Graphics Designing (UI/UX Designer) - Aug 2023
Issuing Organization: NAVTTC

Certificate in Information Technology (C.I.T) - Feb 2021
Issuing Organization: STEVTA

SKILLS

- **Programming Languages:** C/C++, Python, JavaScript, SQL
- **Frameworks & Libraries:** FastAPI, Langchain, FAISS, OpenCV, Pandas, NumPy, React.js, Node.js, Selenium, HuggingFace
- **Tools & Platforms:** Figma, SAP S/4 HANA, Power Automate, PostgreSQL, Adobe Creative Suite (Premiere Pro, Illustrator), OpenAI API, Gemini API