



Uzair Abbasi

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ABOUT MYSELF

Data Analyst with expertise in data visualization, statistical analysis, and predictive modeling. Proficient in Python, SQL, and Power BI, with a strong ability to translate complex data into actionable insights. Experienced in handling large datasets and optimizing business decisions through data-driven strategies.

- Team player who can also work independently
- Clear communicator of complex information
- Quick to adapt and solve problems
- Good at building work relationships
- Eager to learn and grow professionally

WORK EXPERIENCE

Database administrator

Pakistan Telecommunication Company Limited(PTCL) [20/07/2023 – 15/10/2023]

City: Islamabad | **Country:** Pakistan

- Designed and optimized relational databases resulting in 30% improved query performance.
- Created data visualization dashboards that tracked KPIs for 5+ departments using Power BI.
- Improved SQL query execution time by 40% through query optimization and indexing.
- Managed MongoDB databases with 10+ million records.
- Developed 15+ custom Power BI dashboards for executive decision-making.

Web developer

Freelancing [15/06/2022 – Current]

City: Haripur | **Country:** Pakistan

- Successfully delivered 20+ web development projects for clients across various industries.
- Built 10+ responsive websites using React.js, increasing mobile user engagement by 45%.
- Developed custom web applications using HTML5, CSS3, and JavaScript for 15+ clients.
- Created and maintained PHP-based backend systems.
- Optimized database schemas reducing load times by 35% for high-traffic websites.

Computer vision engineer

National Center for Physics (NCP) [20/07/2024 – Current]

City: Islamabad | **Country:** Pakistan

- Developed facial distance detection system achieving 95% accuracy in auto-zoom functionality.
- Built head tracking algorithm reducing misalignment errors by 80% in video conferencing.
- Created Sign Language Recognition System with 90% accuracy using computer vision.

- Implemented ML models achieving 85% prediction accuracy using Random Forest and LSTM.
- Reduced system latency by 60% through optimization of real-time prediction algorithms.

EDUCATION AND TRAINING

BACHELOR'S IN DATA SCIENCE

Pak Austria Fachhochschule Institute of Applied Science and Technology [11/10/2021 – 10/10/2025]

City: Haripur | Country: Pakistan | Website: <https://paf-iast.edu.pk> | Level in EQF: EQF level 6

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

CERTIFICATIONS

FOTP Bootcamp

Offered by BIC FOTP for project (MuteMate) selection at BIC.

BIZZTECH

Participation Certificate of project Exhibition at BizzTech.

Award Prize

1st Prize at Exhibition of project.

Project Management

Google Coursera Certificate of Project Management.

Cybersecurity

Google Coursera Certificate of multi modules of Cyber Security.

PTCL Internship

A 3-month Internship certificate at PTCL Islamabad.

NCP Internship

1-year Internship at a research center Islamabad. Worked on different research projects.

DIGITAL SKILLS

Microsoft Office / machine learning / Deep Learning / Data Science and Analyst / Python / Data Cleaning and Wrangling / Data Visualization / Experience with PHP, SQL, HTML, CSS, JavaScript / Design and management of a relational Database / Chat Bots / Problem analysis & Problem Solving / WEB: Web Designer, Web Developer / Multithreading Python / Programming with Python / Node.js, React.js