

BUSHRA ALI

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Education	SUFFOLK UNIVERSITY SAWYER BUSINESS SCHOOL Master of Business Analytics – STEM, December 2022, 4.0 GPA, Merit Scholar, Graduate Fellow, Study Group Leader, Tutor, Fintech Women Suffolk Chapter LAHORE UNIVERSITY OF MANAGEMENT SCIENCES Bachelor of Science Electrical Engineering, January 2015, Director LUMS Science & Engineering Society, Programming Teaching Assistant	Boston, MA Lahore, PK
Experience	TMA INTERNATIONAL <i>Project Technical Manager</i> <ul style="list-style-type: none">Delivered and won a proposal bid worth \$57M under USAID’s Sustainable Energy for Pakistan project for the installation of 100 smart meters on Pakistan’s national grid to automate billing.Led agile implementation of head-end and meter data management ERP solution at the National Transmission and Despatch Company (NTDC) data centers, mobilizing \$17M of investment.Collaborated with public sector clients on data management of more than 300 asset performance units, monitoring transformers in real time, leading to a 20% reduction in technical and commercial losses.Integrated Smart Grid Testing lab for Pakistan Information Technology to develop advanced metering infrastructure, equalizing energy vendors and saving \$2M annually for consumers.Created client-focused solutions within electrical distribution lifecycle related to substation automation and distribution management and communication increasing efficiency by up to 20%.	Lahore, PK
2017-2021		
2018-2020	LAHORE GRAMMAR SCHOOL <i>O’ Level Instructor (Physics and Mathematics)</i> <ul style="list-style-type: none">Designed effective lesson plans with formative assessment tools for efficient class conduction of 50+ students, emphasizing differentiated teaching methodologies to creating engaging experience for students.Devised activities to encourage creative thinking in Mathematics and Physics departments, leading to a 40% increase in students’ academic performanceExecuted trainings by Cambridge University on the tools and frameworks required for a better understanding of the curriculum and how to utilize these tools in lesson planning.	Lahore, PK
2015-2017	INTERACTA <i>Cofounder and COO</i> <ul style="list-style-type: none">Developed a custom algorithm for real time audio detection that secured \$220K in seed funding from Fatima Group, a leading global Venture Fund in PakistanLed development using Python, SQL and JavaScript of user conversion funnel tracking, segmentation, and visualization tools for clients in the advertisement industry.	Lahore, PK
2014-2015	NETSOL TECHNOLOGIES <i>Software Engineer</i> <ul style="list-style-type: none">Developed 5 additional features for the backend framework, using .NET technology for the company’s existing leasing and financial software framework, NFS Ascent.Collaborated with the QA department for creating 50+ scripts for backend test automation, cutting down human intervention and reducing testing error by more than 16%.Worked with Microsoft Certified trainers to conduct workshops on C# and .NET program development for 30+ interns and new hires.	Lahore, PK
Skills	Python, C++, C, HTML, C#, PHP, SAS, R, JavaScript, MATLAB, SQL, Julia, .NET, Harness Studio, Microsoft Office, A/B Testing, Optimization Modelling, Regression Analysis	
Personal	<ul style="list-style-type: none">Singing enthusiast: trained in classical singingManaged family’s business ventures and agricultural lands, including construction of a carwashVolunteered at Shaukat Khanum Hospital to raise funds for treatment underprivileged kids with cancer	