



Sherjeel Nasir

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● ABOUT ME

Graduate with a research-oriented mindset and construction management expertise. Currently contributing to a leading USA-based firm's BIM and management services while actively exploring innovations in construction productivity. Keenly interested in research areas such as Building Information Modelling (BIM), construction project management, and green construction practices, and eager to collaborate with construction tech startups.

● WORK EXPERIENCE

04/09/2023 – CURRENT West Palm Beach, Florida, United States

CIVIL ENGINEERS DMS MANAGEMENT SYSTEM

Here's a glimpse into my key responsibilities and accomplishments:

- Create and uphold submittal/RFI logs for construction projects and removed errors by 20%
- Maintain ongoing communication with BIM managers and coordinators to address drawing and project-related issues.
- Supervise and manage construction projects, project budgets, Coordinating & Shop Drawings.
- Managing a dynamic team of 15 engineers in Pakistan for the DMS group and an execution team of 20 people in Florida.
- Take charge of coordinating efforts with project consultants, general contractors, vendors, and foremen to address project issues, clarify ambiguities, and handle payment matters.

Address 120 S. Olive Ave. Suite 601 West Palm Beach, FL , 33401, West Palm Beach, Florida, United States

05/06/2022 – 01/09/2023 Lahore, Pakistan

CIVIL ENGINEERS NULLBRAINER

At **Nullbrainer**, I acquired extensive knowledge in Estimation and Revit. Some of my major accomplishments are listed below:

- Collaborated with the non-profit organization Actionable Insights to develop a set of rules that significantly enhance contractors' accuracy in Xactimate estimations, revolutionizing insurance industry.
- Leading a team of Trueplans Sketch, overseeing the conversion of Matterport sketches to Revit, and subsequently integrating them into Xactimate.
- Guided and managed the production of 100 Trueplans per month, while also coordinating efforts between the Brazilian and USA teams as a team lead.
- Improved the overall performance of estimation software by 15% and facilitated seamless collaboration among key stakeholders, the UI/UX team, and developers as a Project Coordinator.

15/02/2022 – 05/06/2022 lahore, Pakistan

CIVIL ENGINEERS IRTIQA DESIGN

During my early days at Irtiqa Design, a firm known for crafting amazing commercial and residential buildings, I set my sights on becoming a standout designer.

- Focused on becoming a key designer using ETAB, AutoCAD, and StaadPro.
- Role as a trainee engineer in Lahore and Kasur, involving on-site data collection and collaboration with architects.
- Performed various structural analyses with ETAB under team lead guidance.

- Unique role in the office: handled structural detailing in Revit, setting me apart.
- Conducted site visits for steel work verification, enhancing understanding of building structures.

EDUCATION AND TRAINING

16/06/2023 – 05/06/2024 Peshawar, Pakistan

POSTGRADUATE DIPLOMA IN BIM & CONSTRUCTION MANAGEMENT Brains Institute Peshawar

Website <https://brains.edu.pk/> | **Field of study** Engineering, manufacturing and construction

05/08/2018 – 05/08/2022 Lahore, Pakistan

BSC CIVIL ENGINEERING National University of Computer and Emerging Sciences

Website <https://lhr.nu.edu.pk/> |

Field of study Building and civil engineering, Architecture and construction not further defined | **Final grade** 3.19 |

Thesis Flood Management and Flood Risk Zooning Map: A Case Study of Haro River

LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	C1

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

DIGITAL SKILLS

Geotechnical & Structure Tools

CSI Bundle (Etabs, SAFE, SAP2000) | AutoCad 2D -3D | programming: Python, MATLAB and SQL | Good command of modelling programs (Autocad, Revit, Lumion, Teckla, Etabs, Sap2000), | GeoStudio (SEEP/w, SLOPE/w) | Robot Structure Analysis

Hydraulic and Hydrology Tools

ArcGIS, Arc Hydro, HEC GeoHMS, HEC-HMS, HEC GeoRAS, HEC-RAS | GIS software: Expert QGIS and good control of ArcGIS

BIM Integration & Management Software

Revit Integration With Navisworks | AutoCAD, Revit Architecture, | AutoDesk-Navisworks | MS Office (Word, Excel-VBA, Power Point) | TWINMOTION | Visual Analytics Tools: Tableau, PowerBI | Primavera P6

ADDITIONAL INFORMATION

HONOURS AND AWARDS

31/12/2022

Rising Star of Company – NullBrainer Honored as the Rising Star of Nullbrainer for outstanding contributions to the company's innovative projects.

05/06/2022

Dean's Honor Roll – National University of Computer and Emerging Sciences Dean's Honor Roll for Exceptional Academic Excellence in Semester 8th with a 3.81 GPA

31/12/2021

Dean's Honor Roll – National University of Computer and Emerging Sciences Dean's Honor Roll for Exceptional Academic Excellence in Semester 7th with a 3.65 GPA

VOLUNTEERING

15/09/2020 – 02/05/2022 Lahore, Pakistan

Internship Manager at SEEK-NPO During my tenure as an Internship Manager, I organized internships for new students and managed activities such as visits to nursing homes, orphanages, charity campaigns, and other initiatives to engage students with the community

03/01/2022 – 03/08/2022 Lahore, Pakistan

Vice President, Institution of Civil Engineers (ICE), FAST-NU As the Vice President of the ICE Fast chapter, I devised a comprehensive plan for the entire semester. This included organizing an educational trip to Mangla Dam, providing valuable exposure to junior students. Additionally, I spearheaded a significant event featuring diverse activities for students, including the CAD War and Steel Bridge Design competition, with participation from over 25 teams from across Pakistan

05/02/2020 – 05/08/2021 Lahore, Pakistan

FAST Care Society I successfully organized a blood donation drive at FAST-NUCES, coordinated a donation drive to support the needy during the month of Ramadan, and also led a book donation drive to promote an eco-friendly environment and reduce paper consumption.

PROJECTS

06/06/2023 – CURRENT

BIM-Powered G+4 Commercial Building: Elevating Visualization, Detailing, and Energy Analysis Led a G+4 commercial building project, utilizing Revit for architectural and structural detailing and TwinMotion for advanced visualization. Conducted structural design with ETAB and detailed in Revit for effective visualization, integrating it into a VR environment for better understanding and presentation. Applied energy analysis to evaluate environmental impact and energy use during operation. Now developing a construction schedule, with future plans for a procurement schedule and project data visualization using PowerBI.

30/11/2023 – CURRENT

BIM & Matterport: Uniting Innovation in Construction Services I've launched a startup aimed at revolutionizing Pakistan's construction industry. We offer advanced services for construction professionals, focusing on BIM and Matterport technologies. Our offerings include efficient BIM solutions, accurate Matterport 3D scans, smooth integration of BIM, and extensive project management.

Link www.constructifeye.com

16/09/2022 – 05/04/2023

Rehabilitation and Remodeling of Pat Feeder Canal - Baluchistan During my tenure at Rehman Habib Consultant, a multi-disciplinary civil engineering firm, I worked on Hydraulic and Irrigation engineering projects, leveraging tools like HEC-RAS and GIS. My role involved data collection, design work per Balochistan Irrigation Manuals, and collaboration with CAD designers. I conducted field surveys in remote areas, examining distributary, main, and minor canals. Our team's key achievement was a comprehensive feasibility report for a 207KM project, where I also evaluated cross drainage structures and regulators of the main canal.

05/07/2021 – 05/06/2022

Flood Management and Flood Risk Zoning Map: A Case Study of Haro River This study focused on flood analysis techniques and the development of flood risk zoning maps in the event of a potential breach of Khanpur Dam due to piping failure. During my final year project, I utilized various software tools, including HEC-RAS for 2D simulations and ArcGIS for creating Flood Maps

02/02/2021 – 10/06/2021

Geotechnical Report of Site Exploration & Characterization For 5-Story RCC Hotel (CEP) The project's goal was to evaluate surface and subsurface conditions at the site and provide geotechnical recommendations for the project's foundation design and construction, including relevant laboratory testing.

05/11/2021 – 01/05/2022

Industrial Unit Hall Structure Design Our task involved creating structural drawings for the foundation, columns, beams, and slabs in compliance with specific requirements and building codes