



Syed Zain Abbas Rizvi

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ABOUT MYSELF

As a gold medalist civil engineer & PMI-accredited Project Manager, I bring extensive industry experience, exceptional multitasking, and a strong work ethic to every project. With keen attention to detail, I strive to deliver high-quality results that exceed expectations. I am a valuable team player with excellent communication skills, and I am dedicated to ongoing learning and professional growth in my career.

WORK EXPERIENCE

[July 2024 – Current]

BIM Specialist ← → **Civil Engineer Specialist (Project manager)**

Disperse www.disperse.io   

Email: zainrizvi@disperse.io | **Department:** Solution Delivery

Working with the top clients and contractors across the UK, US and GCC, contributing to lean and smooth construction.

- Prepare, validate, and optimize BIM models (Arch, Str, MEP) for integration into Disperse's digital platform.
- Utilized Primavera P6 & Navisworks to develop 4D simulations, linking BIM models with project schedules to visualize construction sequences and monitor progress.
- Conduct variance analysis between planned and actual timelines to assess schedule performance and highlight project deviations.
- Used P6 data to support progress tracking, enabling accurate reporting and informed decision-making.
- Perform detailed models QA to ensure quality, accuracy, and compliance with standards (ISO 19650).
- Collaborate with product, engineering, and data teams to streamline integration and data ingestion.
- Develop and refine BIM workflows to automate data processing tasks.
- Act as the main BIM point of contact for internal/external teams, translating technical requirements.

[Mar 2023 – Current]

Revit Modeler (Part time)

ARCO/MURRAY Design Build www.arcomurray.com

City: Remote | **Country:** United States 

- Created and developed detailed 3D models of buildings using Revit
- Managed and coordinated model updates, revisions, and changes
- Collaborated with architects, engineers and other stakeholders to ensure model accuracy and consistency
- Created over 100+ custom parametric families for complex mechanical and architectural components

[Sept 2022 – June 2024]

Project Manager - Operations ← → **BIM Engineer**

Radisson Blu - Islamabad 

City: Islamabad | **Country:** Pakistan | **Department:** Engineering & Construction

Project: Radisson Blu Hotel & Residences, Islamabad.

- Led multidisciplinary team, delegated tasks, and ensured clear accountability.
- Planned and monitored project execution phases using Primavera P6, including scheduling, resource allocation, and progress tracking.
- Implementation of Building Information Modeling BIM on the project.
- Oversees all architectural and structural design changes in the project.
- Managed project budgets, identified cost-saving opportunities, and mitigated overruns.
- Identified risks, developed mitigation strategies, and proactively addressed issues.
- Ensure compliance with Radisson's design standards and guidelines.
- Fulfill project approval phase requirements PAPs.
- Implementation of VR in the project.
- Serve as a primary point of contact for all project-related communications.
- Maintained accurate project documentation & ensured site compliance with health and safety regulations.

[Oct 2021 – Aug 2022]

Research Assistant

National University of Technology 

Email: syedzainabbasrizvif18@nutech.edu.pk | Department: Civil Engineering

Project: Clash Detection of CPO Block (B+G+9 story) Using BIM.

- 3D Modeling (Arch, Str, MEP).
- Used BIM software to detect clashes between different building components such as structural elements, mechanical systems, and architectural features.
- Scheduling of the whole project on Primavera P6 before and after clash detection.
- 4D/5D Virtual Construction using Navisworks.
- Conducting detailed analysis of project schedules and costs using BIM data to identify potential savings, delays, and improve project timeline.
- Renderings and walkthroughs of the building design to visualize the project for stakeholders.
- Coordination with architects, engineers, and contractors to analyze and resolve clashes in the building design phase.
- Stay updated with the latest trends and advancements in clash detection technology and methodologies.

Civil Engineer Intern

National Logistics Cell (NLC)

Site: 7th Avenue, Islamabad.

Civil Engineer Intern

Habib Rafiq pvt Ltd

Project: Capital Smart City, Islamabad.

Civil Engineer Intern

Develoscape Architects & Consultants

Project: Gevora International Hotel And Mall in Gulberg Greens, Islamabad.

EDUCATION

MS in Environmental Engineering & Resource Management

BTU Cottbus, Germany
www.b-tu.de

MS in Project Management

Szabist, Islamabad.
www.szabist-isb.edu.pk

BS in Civil Engineering

Nutech, Islamabad.
<https://nutech.edu.pk/>

CERTIFICATIONS

Primavera P6 Professional Project Management by **Oracle**

Project Management: Beyond planning and control by **University Politecnico di Milano**

Certified Project Manager by **Procore**

Foundations of Project Management by **Google**

English for Career development by **University of Pennsylvania**

Complete BIM Course with Revit, Dynamo and Navisworks, **Udemy**

SKILLS

Technical Skills

BIM 

Project Management 

Construction Management 

Cost Estimation 

Clash Detection 

QA/QC 

Scheduling 

CAD Drafting 

Risk Management 

Contract Management 

Soft Skills

Assertiveness & Self-Control 

Negotiation capability 

Effective Communication 

Workforce Management 

Stakeholder Management 

Crisis Management 

Team work 

Critical thinking 

Prioritization 

Decision making 

Multi tasking 

Problem-solving 

PROJECTS

- **Wynn Al Marjan, Resort**, BIM Model integration with Disperse product Impulse, client: **ALEC** 
- **1 Broadgate**, weekly progress tracking & reporting, client: **SRM** 
- **Bridge Industrial Chicago**, exterior facade model, client: **Arco Murray** 
- **Imperial College London**, BIM model comparison, client: **MACE** 
- **Radisson Blu hotel and residences, Islamabad**, client: **J7 Group** 
- **Emberton Hotel & School**, weekly progress tracking & reporting, client: **Olympia** 
- **OAK Street INTL Head Office**, architectural site implementation 
- **Indonesian Embassy in Islamabad**, design renovation project 
- **Warehouses Remodeling & Renovation**, client: **Arco Murray** 
- **Netgear San Jose**, Revit Architecture Model, client: **Arco Murray** 
- **4000 South Maryland, Las Vegas**, Revit modeling, client: **Arco Murray** 
- **Water Park Hotel, Qiddiya**, Model Integration client: **Qiddiya** 
- **AL Alrous Residential Project, Jeddah**, BIM Project Tracking, client: **Roshn** 
- **Manchester City Hotel, Manchester**, BIM Model integration with Impulse, client: **Sisk** 