



# MUHAMMED RIYAS

## DRAUGHTSMAN

Nationality : India, Kerala

Location : Qatar

Phone : +974 30772363

Email : [mriyaspp01@gmail.com](mailto:mriyaspp01@gmail.com)

LinkedIn : <https://linkdin.com/in/muhammed-riyas-pp-196715322>

QID No : 30135621335

---

### PROFESSIONAL SUMMARY

Experienced Draughtsman with over 2+ years of professional experience, currently working as a Draughtsman at Sama Steel Co., Qatar. Strong expertise in preparing detailed shop drawings for steel doors, including fire-rated and non-fire-rated systems, based on approved architectural drawings and specifications. Skilled in preparing as-built drawings and ensuring compliance with QCDD, MOI, and project standards. Proficient in AutoCAD and Revit, with proven ability to coordinate with architects, engineers, and project teams to deliver accurate, regulation-compliant drawings within deadlines

---

### KEY SKILLS

- 3D Modeling
- CAD Drafting
- BIM Coordination
- Architectural Design
- File Management
- Clash Detection
- Project Visualization
- Construction Documentation
- Navisworks Expertise
- Quality Assurance
- Design Collaboration
- Drawing Interpretation
- Layout Planning
- Design Review

---

### WORK EXPERIENCE

#### DRAUGHTSMAN | SAMA STEEL CO. QATAR

DEC 2025 - PRESENT

- Prepared detailed shop drawings for steel doors, including fire-rated and non-fire-rated systems
- Developed door drawings based on approved architectural drawings and technical specifications
- Interpreted architectural, structural, and MEP drawings for accurate detailing coordination
- Prepared as-built drawings reflecting site modifications and final installation conditions
- Ensured drawings complied with QCDD, MOI, and specific project standards where applicable
- Coordinated with engineers, architects, and project teams to resolve drawing discrepancies
- Updated drawings based on consultant comments and site coordination requirements
- Maintained drawing revisions, version control, and proper documentation records
- Supported fabrication and installation teams with accurate technical drawings
- Ensured compliance with fire safety, access, and regulatory requirements

#### ARCHITECTURAL DRAUGHTSMAN | HOSTECH PMC , PVT. LTD , KERALA , INDIA

MAY 2025 - NOV 2025

- Provided expert guidance on building design, construction methods, and materials to ensure compliance with standards.
- Reviewed architectural and structural plans for accuracy, feasibility, and regulatory compliance.
- Conducted site inspections to monitor construction progress, quality, and adherence to timelines.
- Offered recommendations on energy efficiency, sustainability, and cost optimization for building projects.
- Coordinated with architects, engineers, contractors, and clients to resolve technical issues.
- Ensured compliance with local building codes, safety regulations, and environmental standards.
- Prepared detailed technical reports, project assessments, and feasibility studies.

- **Created 3D models and** visualizations to support architectural and engineering projects.
- **Collaborated with architects**, engineers, and clients to ensure design intent and project requirements were met.
- **Conducted site surveys** and measurements to produce precise drawings.
- **Developed detailed layouts**, sections, and elevations for construction purposes.
- **Assisted in design modification** and optimization based on client feedback and project needs.
- **Rendered realistic 3D images** and walkthroughs for presentations and approvals.
- **Ensured compliance with local** codes, standards, and specifications.
- **Supported project teams** in visualizing complex designs to aid decision-making and client understanding.

#### **BIM EDUCATION**

---

- **BIM CAFE , LEARNING HUB | 2024**

#### **INTERNSHIP PROJECTS**

---

##### **LOD200:Zayed International School ,Dubai**

- Complied with BEP (BIM Execution Plan) requirements when creating the model, ensuring accuracy and precision.
- Developed the LOD200 BIM model based on design input, verifying all drawings for completeness and correctness.
- Ensured that no critical information was missing, maintaining high-quality standards in the modelling process.

##### **LOD200:TOWN OF DELHI, NEWYORK MUNICIPAL SWIMMING POOL AND BATH HOUSE**

- Designed and modelled the pool complex, bath house, and surge tank using Autodesk Revit at LOD 200, ensuring precise geometry and system integration.
- Focused on efficient and accurate modelling to support design validation and project visualization.
- Ensured coordination between architectural and structural elements, maintaining high-quality BIM standards.

##### **LOD300: SCHOFIELD BARRACKS , HAWAII**

- Extracted comprehensive drawings, schedules, and BOQs from the coordinated BIM model, ensuring accuracy and compliance with BEP standards.
- Prepared work sets, parametric families, view templates, and filters to support model coordination and documentation.
- Produced, detailed, and verified construction documents, including floor/ceiling plans, cross-sections, elevations, legends, and schedules.

#### **EDUCATION**

---

- **Draughtsman Civil ( NCVT ) | Co-operative Private Industrial Training Institute , Tirur , Kerala | 2021**
- **Higher Secondary | Kerala State Board | 2019**

#### **ADDITIONAL INFORMATION**

---

- **Languages** : English , Malayalam , Tamil , Hindi
- **Software Skills** : Autodesk Revit , Autodesk Navisworks ,Lumion , Adobe Photoshop , AutoCAD , AutoCAD 3ds Max

#### **DECLARATION**

---

I hereby declare that the above mentioned statement is correct and true to the best of my knowledge and belief.

**MUHAMMED RIYAS**