



SHAIHA ERAVATH

Architectural Engineer | BIM Specialist

PROFILE

Creative and detail-oriented Architectural Engineer with 5 years of experience in architectural design, BIM modeling, and construction documentation. Proficient in AutoCAD, Revit, SketchUp, Lumion, and MS Office. Demonstrates strong coordination skills and a passion for design excellence. Adept at integrating BIM workflows into design processes for efficient project execution.

Work Experience

June 2025 – Present

Switzel International, Doha, Qatar

Projects:

- Wadi Al Sail Fox Hills Development (Lusail, Qatar)
- North East Transport Hub and Parking Structure (Saudi Arabia)

BIM ARCHITECT

- Develop and execute detailed technical shop drawings (LOD 300–400) aligning with project requirements and company standards.
- Create accurate and efficient MEP first fix, reflected ceiling plans, and tile layout shop drawings; collaborated with the team to deliver high-quality drawings on time.
- Prepared shop drawings incorporating updates from IFC references, ensuring coordination with engineers and suppliers.
- Created and edited new families required for the project.
- Used Revit and AutoCAD to support design development and project coordination.
- Ensured proper utilization and maintenance of project standards, templates, and content libraries.

April 2024 – April 2025

Finearch Architectural & Interior Design, Kerala, India

BIM ENGINEER

- Assisted BIM team in modeling projects based on 2D CAD drawings and construction documents.
- Generated general arrangement plans, diagrams, sections, elevations, and schedules.
- Prepared As-Built drawings and reports for irrigation bubbler, drip, and sprinkler systems.
- Performed quantity take-offs for irrigation and MEP systems.
- Demonstrated understanding of accurate drafting methods, layering, X-References, dimensioning, model space/paper space, viewports, and scaling.
- Ensured proper utilization and maintenance of project standards, templates, and content.

Contact

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📍 Barawa City, Qatar

Education

Bachelor of Architecture
Salem School of Architecture,
Tamil Nadu, India
2011 – 2016

Schooling – State Board
Kerala, India
1998 – 2010

TECHNICAL SKILLS

- **Drafting & Design:** AutoCAD, Revit Architecture, SketchUp
- **Visualization:** Lumion
- **Office Tools:** MS Word, Excel, PowerPoint

LANGUAGES

- English
- Malayalam
- Tamil
- Hindi

PERSONAL DETAILS

- **Date of Birth:** 25 January 1993
- **Nationality:** Indian
- **Marital Status:** Married
- **Visa Status:** Valid QID

February 2021 – March 2024

Finearch Architectural & Interior Design, Kerala, India

DESIGN ARCHITECT

- Designed and developed residential and commercial architectural layouts.
- Delivered detailed execution drawings and documentation for over 15,000 sq. meters of built-up area.
- Led interior design for villas, apartments, and landscape spaces.
- Coordinated with engineering teams for MEP, HVAC, and fire safety integration.

February 2020 – December 2020

Gulf Asia Contracting WLL, Qatar

Project: Dukhan Air Base

ARCHITECTURAL ENGINEER

- Drafted IFC-based shop drawings, material submittals, and method statements.
- Collaborated with engineers and consultants (Consultant: Eng. Adnan Saffarini).
- Conducted quantity take-offs and verified design conformance with QCS 2014 and international standards.
- Used AutoCAD and MS Office to support design development and project coordination.

KEY SKILLS & COMPETENCIES

- Strong attention to detail and visual sense
- Effective communicator and team player
- Excellent presentation and documentation skills
- Adaptable and quick to learn new tools and techniques
- Proven ability to work under pressure and meet tight deadlines

DECLARATION

I hereby declare that the information provided above is accurate and complete to the best of my knowledge. References available upon request.