



Hani Salehin

Senior Mechanical Engineer

Contact info

📍 Dubai, UAE

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📄 Partner Visa – 2-Year License

🔧 PROFESSIONAL SUMMARY

Mechanical Engineer with 16+ years of experience in HVAC design, supervision, load calculations, MEP coordination, and pool/spa systems.

Specialized in luxury villa renovation, residential & commercial buildings, and hotel HVAC systems

Strong expertise in design accuracy, equipment selection, AutoCAD, Revit MEP, and preparing complete construction/shop drawings.

💡 CORE COMPETENCIES

☐ HVAC System Design (Chiller, VRF, Package Units, FCU, Pumps)*

🔥 Heat Load Calculations (Cooling & Heating)

🏊 Swimming Pool & Jacuzzi Mechanical Design

📄 Site Supervision & Mechanical Execution

📁 HVAC Equipment Selection & Technical Submittals

📄 AutoCAD Drafting & Revit MEP Modeling

📄 HAP Carrier Calculations

📄 MEP Coordination & Project Management

📁 Shop Drawings – Preparation & Review

Energy Optimization & Value Engineering ↗

🔥 Gas Piping System Design & Supervision

🔍 Construction Quality Control

📄 WORK EXPERIENCE (2009 – Present)

Senior Mechanical Engineer – HVAC / MEP Designer & Supervisor

Various Engineering Offices – Iran & UAE

Present – 2009

Key Responsibilities

Complete HVAC & MEP design for residential, commercial, villas, and hospitality projects

Heat load calculations using HAP Carrier and equipment sizing

Preparing MEP drawings (HVAC, Plumbing, Firefighting)

Designing pool & jacuzzi mechanical systems (filtration, circulation, heating)

Site supervision, installation QC, & contractor coordination

Reviewing shop drawings & material submittals

Managing project execution across multiple sites

Engineering Offices Worked With

Office of Eng. Nourmohammadi

Office of Eng. Monsef

Office of Eng. Karim (Zaniar Engineering) – Current

MAJOR PROJECTS

Luxury Villa – Mr. Ghotbi (Kashan) 2000 m²

Villa – Dr. Henardar (Arak) 1000 m²

Ariana Hotels 1 & 2 – Full HVAC & MEP Design

Shahrokh Carpet Industrial Complex – Mechanical Design

Unit Residential Apartment – HVAC & Plumbing Design-

Homa Residential Projects 1 & 2 – HVAC Design

Over dozens of luxury villas, residential & commercial projects across 16+ years

EDUCATION

 B.Sc. Mechanical Engineering (Fluids)

University of Kashan — Graduated 2007

EDUCATION

PROFESSIONAL CERTIFICATIONS

 Grade 1 Mechanical Design & Supervision Engineer – Iran Construction Engineering Organization

 Certified Gas Piping Inspector – Esfahan CEO

☐ HVAC Design Course – Tehran Technical Complex*

 AutoCAD Advanced – Novin Parsian Institute

 HAP Carrier Training – Novin Parsian

 Revit MEP Training – Novin Parsian Institute

 Multiple Workshops: Energy Optimization, Gas Piping Design, etc.

SOFTWARE SKILLS

 AutoCAD

 Revit MEP

 HAP Carrier

 Duct Sizer

 MS Office

 MS Project

LANGUAGES

Persian: Native

English: Fluent

Arabic: Good communication

ADDITIONAL INFORMATION

 Expected Salary: Negotiable

☐ Availability: Flexible ☐

 Currently residing in Dubai with valid Partner Visa (2-year visa)

Holder of valid driving license