






MATHAVAN M (MAATHU)

MEP COORDINATOR/BIM
MODELER/ PROJECT DRAFTING
COORDINATOR/SENIOR MEP
DRAFTSMAN

 Riyadh, 99816, Saudi Arabia

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 mvjpathy@gmail.com

ABOUT ME

MEP Coordinator, Senior MEP Draftsman, Design & Technical Drafting Coordinator, and Senior BIM Modeler with over 25 years of experience delivering major projects across Saudi Arabia, Abu Dhabi, and Qatar. Proven expertise in MEP systems, including Plumbing (Water Supply, Drainage), Fire Fighting, HVAC, and LPG/SNG Gas Systems, with a strong track record on Metro Rail Projects, High-Rise Buildings, Shopping Malls, and Oil & Gas Developments.

EDUCATION

HIGHER NATIONAL DIPLOMA

Tamilnadu Technical College /
Madurai, Tamilnadu, India /
1995

- Completed Higher National Diploma in Mechanical Engineering

BACHELOR OF SCIENCE

Madras University /
Madurai, Tamilnadu, India /
1996

Recognized for academic excellence and high-impact coursework results

MBA

Rockwell University Columbia in
Aabudhabi Campus /
Abudhabi /
2007

Obtained Master Degree in
Business Administration

HIGH SCHOOL DIPLOMA

Er. Ravi Institution /
Madurai, Tamilnadu, India /
1997

WORK EXPERIENCE

WEBUILD S.P.A,
(SALINI IMPREGILO
S.P.A.)
Riyadh
Sep 2022 - Present

Senior MEP Draughtsman/ MEP Project Drafting Coordinator

- Lead and supervised large multidisciplinary drafting team of 40 members, coordinating daily design and technical drafting activities while providing technical support and workload planning.
- Prepare, review, and submit shop drawings, as-built drawings, and tunnel ventilation system drawings for underground tunnels, stations, viaducts, rail tracks, and external works.
- Coordinate and resolve multidisciplinary clashes between utilities and metro structures, preparing detailed plans, profiles, and sections in line with project specifications.
- Verify site conditions and existing utilities through coordination with construction teams, ensuring accuracy of as-built models, redline markups, and design revisions (FCRs, DCNs, NCRs).
- Managed change requests from design subcontractors, support design reviews, and ensure timely submissions and approvals from RMTC consultants.

AL KAMAL
INTERNATIONAL
GROUP
Doha
Jan 2018 - May 2022

Senior MEP Draftsman/Drafting Co-Ordinator & Bim Modeler in Qatar

- Approve and coordinate MEP shop and coordination drawings with site teams, consultants, and subcontractors for tendering, engineering, and project execution.
- Supervise and provide technical support to design teams, including man-hour estimation and collaboration across engineering disciplines.
- Draft and prepare MEP layouts and shop drawings for Plumbing, Drainage, Firefighting, HVAC, and utilities in compliance with relevant standards (NFPA, ASHRAE, QCDD).
- Model MEP systems using Revit and Navisworks, perform clash detection, resolve issues, and update models per site conditions following LOD standards (300-500).
- Monitor and follow up on drawings with clients, consultants, and contractors, ensuring smooth erection and commissioning of all MEP systems.

GASCO (GAS
EQUIPMENT
SERVICE COMPANY)
Doha, Qatar
Feb 2015 - Oct 2017

Senior Design Engineer

- Conduct site visits for preliminary inspections to select suitable plant locations and pipe routing in line with design requirements.

Postgraduate in Computer Science, specialized in high-impact tech solutions

SOFTWARE SKILLS

AUTOCAD 2025

REVIT MEP 2024

NAVISWORKS

AUTO PLANT

GTX RASTER CAD

CAD OVERLAY

MS PROJECT

MS OFFICE SOFTWARE

CERTIFICATES

DIPLOMA IN AUTOCAD

GALAXY COMPUTER EDUCATION

MAY 1998 - DEC 1998

LANGUAGES

ENGLISH

HINDI

TAMIL

ARABIC

LINK

LinkedIn:
<https://www.linkedin.com/in/mathavan-m-728b46169/>

PERSONAL DETAILS

Date of birth Nationality
25 Feb 1975 Indian

Visa status Marital status
Transferable Married

DRIVING LICENSE

Driving license category
Holding Saudi Arabia & UAE
License

FALCOR (DHAFIR)
ENGINEERING
SERVICES,
ABUDHABI
Mar 1998 - Nov 2014

VISAKAM
TECHNOLOGIES
Tamilnadu, India
Nov 1997 - Feb 1998

- Design above-ground and underground LPG storage tanks (1,000–60,000 L capacity) and complete gas piping networks for residential, commercial, and industrial projects.
- Prepare underground main gas network layouts, profiles, and coordination drawings for major infrastructure projects, including Qatar Metro (Marafeq Qatar).
- Develop P&IDs, PFDs, schematic diagrams, and GA drawings incorporating safety distances as per NFPA standards, ASHRAE, and local authority regulations (QCS, WOQOD, QCDD).
- Plan and manage drawing submission schedules to ensure timely approvals and coordination with stakeholders.

Senior Piping/Mechanical Draughtsman & Drafting Co-Ordinator

- Prepare piping layouts, plot plans, equipment layouts, isometrics, BOQs, and material take-offs for oil & gas facilities using AutoCAD, AutoPLANT, and related tools.
- Develop and verify P&IDs, piping isometrics, flow diagrams, and GA drawings, including crude oil storage tank projects for Zakum and Umm Shaif plants.
- Conduct site surveys, data collection, and updates of site markups, including modifications to critical underground piping in process and tank farm areas.
- Coordinate with clients and supervise project implementation, assigning process and instrumentation tags in compliance with client procedures and standards.
- Produce as-built drawings, instrumentation layouts, cable routing, fire & gas drawings, and ensure compliance with ADKO, GASCO, ADMA-OPCO, ZADCO, and international standards.

Draughtsman

- Drafting of Piping Instrumentation Drawings.
- Updating all Markup drawings.
- Drafting of electrical lighting & small power circuits, cable tray and cable routing layout drawings and plumbing service drawings.
- Production of computer-generated drawings of various disciplines from Raster Image to AutoCAD drawing file.

REFERENCE

WEBUILD S.P.A,
SAUDI ARABIA

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NATIONAL
QATAR

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