

Mohamed Siraj

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Profile:

- A Senior CAD Consultant Engineer with a wide range of experience in the building industry, architecture pharma and semiconductor facilities design and construction..
- Able to work on own initiative, mentoring and leading as well as part of a team.
- Proven leadership skills involving managing, developing and motivating teams to achieve the best objectives. Excellence in analytical, design and problem solving skills.
- Dedicated to maintain high quality standards.
- Able to do graphic intensive jobs with different systems and software

Major Achievements:

- Collaborated in design, construction and qualification of SCADA based Unidirectional Airflow systems in the pharmaceutical clean rooms of two parenteral manufacturing areas in the Halol plant of Sun pharmaceuticals Industries Ltd and Alembic Pharmaceuticals in Gujrat, in association with M+W Products GmbH, Germany.
- Collaborated in the CAD generation for Design, Construction and Asbuilt drawings for Laser lab, Roll to Roll Lab, Inorganic Lab and Nuclear magnetic resonance Lab expansion at King Abdullah University of Science and Technology, for Kinetics Germany GmbH on site.
- Collaborated in the CAD generation for Design, Construction and Asbuilt drawings for Nanotech Lab, gGermany GmbH on site and in Germany.
- Successfully completed onsite (for M+W Group Exyte) in Germany , two confidential Semiconductor FAB projects in AMD Fab Germany and Intel Fab in Israel, involving 3D modeling engineering components by sourcing datasheets and relevant details from vendors and designers for creating intelligent catalogue in client's proprietary interactive software : Crystal Intersivision
- CAE/ CADD Team leader for outsourced project from Germany based Facility Engineering and Management Company. (Team size 8)
- Worked in a team of design engineers in Pune for Exyte Group in Germany for plant designs in Europe using BIM tools and and Intelligent 3 D software based on Microstation
- Worked in design team of expansion project of Chartered Semiconductor Manufacturing Ltd, Singapore
- Designed and built more than five hundred buildings with high architectural standards and economy.
- Created detailed design drawings of 3 Tourist resorts of CGH Earth, India.
- Created 3D walk through using AutoCAD, Architectural desktop and 3D studio MAX for reputed clients
- Designed and built prestigious Islamic Centre near M.G.University, Kerala, India
- Designed and project managed a Star Hotel, Cape Residency, in Kanyakumari, India.

Key Skills:

Engineering:

- Civil Engineering : Practicing professional
- Structures : Modeling , detailing
- Plants : Modeling. Detailing and qualification
- Piping-Ducting : Drafting, Modeling
- Architecture : Design, Drafting and Modeling.
- Building Automation : Design, Drafting, Qualification, documentation of SCADA and PLC
- Qualification : GMP documentation and qualification of Clean Rooms in Pharma

Software

- AutoCAD : Excellent / Professional (Team Leader)
- AutoCAD Architecture : Excellent / Professional (Team Leader)
- 3d Studio Max : Excellent / Professional (Team Leader)
- Revit Architecture : Excellent / Professional (Team Leader)
- E Plan : Good (Need occasional guidance)
- CIV : Good (Need occasional guidance)

CIV Library editor	:	Good (Need occasional guidance)
Photoshop	:	Very Good (Graphic Support for 3D)
Microstation	:	Very Good
MS Office	:	Very Good

Career Experience:

April 2006- To date

**AART Integrated Projects Pvt. Ltd.,
An ISO 9001:2015 certified company
(Formerly AART Infosoft Pvt. Ltd.,)
Project Leader**

Project Leader of a team of 8 CAD / CAE professionals in New Mumbai office dedicated to provide CAE/CAD support for German based Facility Engineering Companies.

Project :

- Design and Construction and qualification of Clean Room in association with M+W Group, Germany for Sun Pharmaceuticals Industries Ltd, Halol Plant, and Alembic Pharamaceuticals Plant in Gujrat
- Design and construction of various research labs in King Abdullah University of Scince and technology including Class 100 Clean Room
- Development of interactive model on Proprietary design platform for Semi-Conductor Fabs in Israel for Intel and AMD fab Germany

2003- May 2006

Computer Park, Cochin

Independent CAD and 3D modeling Engineer

Computer Park, Cochin is the largest CAD and Computer graphics facilities of Kerala with all the state of art infrastructure, providing IT enabled services for major industries, designers and construction companies.

- Participated in the design and drafting processes of industries like Indian Oil Corporation, Cochin University of Science & Technology, Indian Rare Earths etc.
- Independent consulting designing drafting and execution of a various projects in electrical, mechanical and architectural areas for a number of clients in Computer Park

2001-2003

Casino Group of Hotels. Cochin (CGH Earth)

Independent CAD Consultant

Casino group is one of the foremost chain of holiday resorts and hotels in Kerala with award winning properties which are hot destinations & architectural marvels.

- Digitizing ongoing projects and existing properties, integrating the design process with project planning & management and implemented time & resource saving design processes.
- Creating CAD resource files of all existing properties in minute details.
- Creating concepts in CAD for a better communication with architects and service& equipment designers.

1995-2000

Artifact Pvt Ltd, Cochin

Chief Designer

Own design firm in architecture, Interior, multimedia jobs and project management for a wide spectrum of individuals and firms

- Designed for jewelers, textile shops and buildings in CAD with 3D model renderings
- Developed multimedia presentations with 3D animation
- Created architectural walk-through.
- Built beautiful bungalows, commercial space and work places

- Architectural design consultants of Sparc Business Group, Perintahalmanna, a major hospitality industrial house in North Kerala

Training:

Various courses including Auto Desk Training, Crystal Intersivision Design, Leadership training, business building seminars, Multimedia software courses like Photoshop, Adobe Premier, Flash, Microstation etc.

Qualifications:

Studied B.Sc. Engg. Civil from National Institute of Technology, Kozhikode (formerly Regional Engineering College, Calicut,) during 1977-1982.

Personal Details:

Date of birth	:	4 th January 1960
Marital status	:	Married
Driving License	:	Full, clean
Passport No.	:	Z1997749
Nationality	:	Indian

Interests:

Architecture, 3D animation, sketching, painting, Web technologies, Work in different geographical locations