

James Marsh

SR. DESIGN ENGINEER

Summary

An incisive professional with 22 Years of experience in Design & Reverse Engineering using AutoCAD, Inventor & Solidworks and also involve in Mechanical Design calculations & Checking of Drawings related to project management. Has in-depth practical exposure to overall project Design drawing, Project Planning & Execution & has concept to commissioning.

Experience

Sr. DESIGN ENGINEER

Meta Link Group Jul 2019 - Present

Reverse Engineering in different machine spare parts and development of detail 3D drawing of CCM (Centrifugal Casting Machine) and ANNEALING FURNACE, development of new machine in both 3D and 2D, all kind of machine drawing in Autocad, Economical container loading .

- Estimated project costs and identified scope of work and optimal schedules for each job function.
- MIS Report macking for job Schedule.
- Applied engineering methods for sound product design to manage understandable execution of calculations and best practices.

Sr. Design Engineer

Sonar Limited May 2015 - Jul 2019

Developing new type of capsule machine. Design, Drawing, development & detailing of different assemblies including costing of machines. .

Attending technical meetings with HOD design.

- Assessed effectiveness of design in real area, program policies and provided recommendations for improvement to enhance the customers satisfaction.
- Estimated project costs and identified scope of work and optimal schedules for each job function.

AUTOCAD DESIGNER

L&T Infra Apr 2012 - May 2015

Planning & execution of Project & Making of Design & 2D & 3D Drawing of Gasifier system for both Thermal & Electrical plant. SPECIALIZED IN 3D MODELING OF Different components. Detail Design Work including Civil & Mechanical Design done for Different Projects for BRITANIA INDUSTRIES LTD, ITC Ltd, PARLE, Boon Foods in INDIA and for other companies in abroad like Nepal, Bangladesh.

- Trained junior employees on Gasification System & how it is works and company design standards.
- Tracked team work hours and submitted documentation.
- Supported value engineering and architectural review processes.
- Created designs and blueprints using AutoCAD (for 2D Drawing) & AutoCAD & Solid Works for 3D modeling according to customer

Contact

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Skills

AutoCAD	■ ■ ■ ■ ■ ■
AutoCAD Inventor	■ ■ ■ ■ ■ ■
Solid Works	■ ■ ■ ■ ■ ■
Tribon	■ ■ ■ ■ ■ ■
Autocad Mechanical	■ ■ ■ ■ ■ ■
3D max	■ ■ ■ ■ ■ ■
Autocad Overlay	■ ■ ■ ■ ■ ■

Languages

English	■ ■ ■ ■ ■ ■
French	■ ■ ■ ■ ■ ■
Arabic	■ ■ ■ ■ ■ ■
German	■ ■ ■ ■ ■ ■

Education

Diploma in Mechanical Draughtsmaship

Arizona State University

Jun 1994 - Jun 1996

Mechanical Drafting Technology

Higher Secondary Examination

Northeastern University

Jun 1990 - Jun 1992

Science