



SANDUN PRASANNA SILVA

Draftsman (Civil / Architectural / Structural)
Quantity Surveyor | CNC Programmer

ABOUT ME

After working as a civil draftsman and quantity surveyor on various road development projects in the field of civil engineering in Sri Lanka, I moved to Qatar and worked as a draftsman and CNC programmer for a metal industry company.

Having completed nearly 12 years of service so far, I have learned a lot by utilizing my knowledge, cooperating with others, and doing all the work efficiently.

It is my determination to take a successful step forward and contribute to the success of the company by gaining more experience in various fields related to engineering.

SKILLS

- Designing
- Workflow Development
- Computer skills
- Engineering documentation
- Engineering technologies

CONTACT

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Qatar

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WORK EXPERIENCE

EXCEL METAL INDUSTRIES

February 2020 – October 2023 | Qatar

Draftsman

- Feb 2020 – Dec 2021

CNC Programmer

- Dec 2021 – Oct 2023

Tasks (Draftsman):

- Conceptualizing and creating design solutions.
- Creating detailed drawings and models.
- Issuing detailed drawings and work orders as per client requirements and the final design.
- Collaborating with cross-functional teams.
- Conducting feasibility studies.
- Testing and evaluating prototypes.
- Maintaining documentation.

Tasks (Draftsman cum CNC Programmer):

- Conceptualizing and creating design solutions.
- Creating detailed drawings and models.
- Checking detailed drawings provided from other departments and revising as necessary.
- Selecting appropriate tools and materials.
- Creating CNC programs.
- Testing and optimizing programs.
- Maintaining documentation.

Machines,

DURMA – HD-FS3015

AMADA – AE 2510NT

SteelTailor – DRAGON III

CONSULTING ENGINEERS & CONTRACTOR (PVT) LTD

September 2018 – February 2020 | Sri Lanka

Civil Draftsman

Tasks:

- Preparing Vertical & Horizontal Alignment drawings, Initial Cross Section, Design Cross Section & As-built drawings, all Retaining Structural, Culvert design, Bridge design drawings to approval of the engineer for construction.

NEM CONSTRUCTION (PVT) LTD

September 2013 – April 2018 | Sri Lanka

Civil Draftsman

- (Sep 2013 – Jan 2016) / (Jan 2017 – April 2018)

Quantity Surveyor

- Jan 2016 – Jan 2017

Tasks (Civil Draftsman):

- Preparing Vertical & Horizontal Alignment drawings, Initial Cross Section, Design Cross Section & As-built drawings, all Retaining Structural, Culvert design, Bridge design drawings to approval of the engineer for construction.

Tasks (Quantity Surveyor):

- Preparation of BOQ for subcontractors.
- Taking site measurements with consultants.
- Preparation of measurement sheets and subcontractor's bills as per site measurements.
- Preparation of relevant documents for monthly IPA (Interim Payment Applications).

SOFTWARE

- AutoCAD - Excellent
- AutoCAD Civil 3D - Good
- CAD/CAM - Excellent
- Adobe Illustrator - Good
- Adobe Photoshop - Good
- Adobe Premiere Pro - Good
- Twinmotion - Good
- Surfer 8 - Good
- Sokkia Link - Good

LANGUAGES

- Sinhala - Native
- English - Professional working proficiency

CURRENT VISA STATUS

- Qatar Work Visa (with NOC)

NATIONALITY

- Sri Lankan

WORK EXPERIENCE

ENGINEERING DESIGN & PROJECT MANAGEMENT CONSULTANTS (PVT) LTD (ED & PMC) December 2012 – August 2013 | Sri Lanka

Civil Draftsman

Tasks:

- Preparing Vertical & Horizontal Alignment drawings, Initial Cross Section, Design Cross Section & As-built drawings, all Retaining Structural, Culvert design, Bridge design drawings to approval of the engineer for construction.

MR. AJITH MUNASINGHA LICENSED SURVEYOR February 2012 – September 2012 | Sri Lanka

Civil Draftsman

Tasks:

- Preparation of land survey plans using cad software as per TS (Total Station) survey data and site measurements.

RUHUNU DEVELOPMENT CONTRACTORS ENGINEERS (PVT) LTD December 2011 – January 2012 | Sri Lanka

Assistant Quantity Surveyor (Trainee)

Tasks:

- Taking site measurements with consultants.
- Preparation of measurement sheets and subcontractor's bills as per site measurements.
- Preparation of relevant documents for monthly IPA (Interim Payment Applications).

EDUCATION

2018 | Sri Lanka

Diploma in Architectural CADD

CADD Centre Sri Lanka

I have successfully completed the Diploma in Architectural CADD

Software used: AutoCAD and Revit Architecture

2011 - 2013 | Sri Lanka

Quantity Surveying

College of Technology Sri Lanka

I have successfully completed the National Certificate in Technology (Quantity Surveying)

2010 - 2011 | Sri Lanka

Auto CAD (2D & 3D)

The Open University Sri Lanka

I have successfully completed the Professional Certificate in Auto CAD (2D & 3D)

2002 - 2003 | Sri Lanka

Computer Technology

Savants Computer Training Institute Sri Lanka

I have successfully completed the certificate in Computer Technology Course (one year).