

# Sanweer ALAM

INSTALLATION ENGINEER

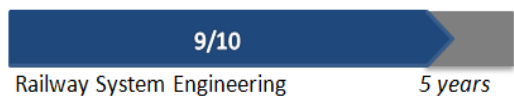
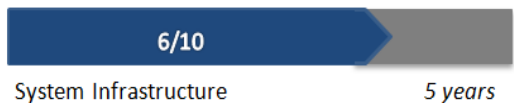
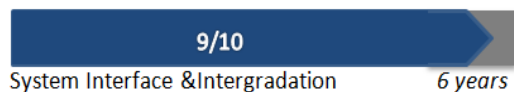
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## SKILLS



## PROFESSIONAL

Registered with Saudi Council Engineer (SCE)

## EDUCATION

Board of technical education up Lucknow  
India.

Diploma in CIVIL ENGINEER  
2006 - 2009

## EXPERIENCE

### Signaling & Low Voltage Installation Engineer

ALSTOM

Alstom Transport / Riyadh Metro, Kingdom of Saudi Arabia / October 2019 – current

- Interface to other subsystems during the installation activities (Civil work, MEP, Power supply).
- Review of Design Documents/Drawings of Signaling Systems.
- Supporting in site installation activities of signaling equipment including data communication system, shunting signal, axle counter, beacon, point machine.
- Installation and testing of optical Fiber cables and patch cards.
- Installation of Fiber optic jumper in SERs.
- DCS installation and FO, Ethernet, Copper cable terminations.
- Design/Interface Engineer for Cable Containment for all type of Railway System requirement.
- Manage and Supervision of sub con for SLV (Signaling and Low Voltage) equipment's 1st, 2nd and 3rd fix installations on track side and inside SER rooms.
- Supervision for installation of Signaling Equipment Rooms.
- Distribution Box for Point Machine Axle counter & Signals

### Installation Coordinator / System Engineering

ALSTOM

Alstom Transport / Riyadh Metro, ksa / October 2017 to October 2019

- Working as SYSTEMS Installation Technician  
Deep underground, Shallow underground, tunnel & stations/At-grade & Elevated
- Responsible for Energy(33kv/Traction power)/ Tunnel Ventilation Systems/ Platform Screen Doors- All Equipment's installations & T & C across the deep underground station, elevated station along with Stabling Yard/Depot- (Alstom) scope of work.
  - Interface with system/product designers, manufacturing personnel, customers, consultants and sub-contractors as needed.
  - Reporting daily and weekly progress reports to installation Manager.

### Design for Installation Bim Coordinator / System Engr. ALSTOM

Alstom Transport / Riyadh Metro, ksa / November 2015 to October 2017

- Coordinate the process and check the models at every stage Makes sure that the information is inter-operable and up to date.
- Clash detection, Quality check-ups.
- Setting up goals for the project's BIM workflow and requirements management.
- Co-ordinate hand over of model and data at the agreed milestones in the BIM Coordination Program. Exclusive responsibility and power to issue binding instructions on BIM related issues.
- Execution of MEP model in Revit MEP 2014 to achieve the Clash free among other Disciplines by using Revit MEP, NavisWorks.Extraction of BOQ's, Preparing Spread Sheets, Scheduling's, Section Details from MEP model.

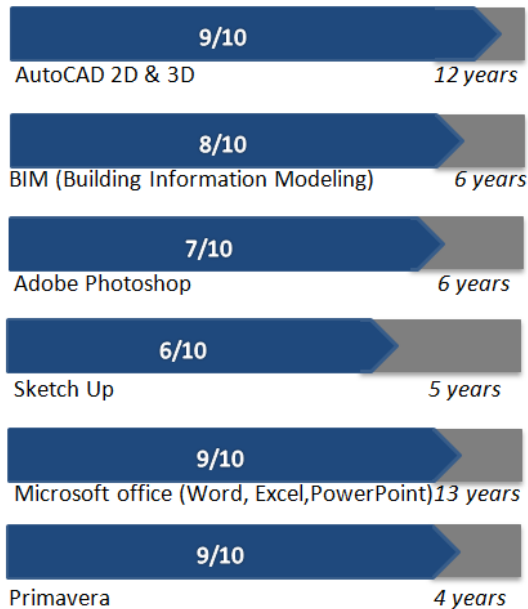
### Cad Engineer (Stru. ,Arch.) System Engineering

ALSTOM

Alstom Transport / Riyadh Metro, ksa / October 2014 to November 2015

- Coordinate the layers provided by the Alstom subsystems, in order to provide a consistent set of drawings.
- Participate the internal CSD (drawing provided by TSY)
- Cross section with TSY needs in the line (cable duct, cable tray),
- Presentation drawings (2D ).
- Co-ordination with structure and MEP.
- Interface drawing plan view in the line and depot
- 3D Modeling on REIVT Arch, Stru.& Sketch up all version
- The participation to the Combined Service Drawings include

## SOFTWARE SKILLS



## PERSONAL DETAIL

Date of Birth: 15 June 1987

Language: English, Arabic & Urdu

Nationality: Indian

Gender: Male

Status: Married

Availability: 1 months' notice

## Cad Designer/Quantity Surveying

Saudi Oger Sub Contractor FCC October 2012 to September 2014

- Prestressed (Pre-tension & Post-tension) Concrete Design
- In-situ & Precast Concrete and Steel & Composite Building Design
- Seismic, Wind analysis & Design of Tall Structures
- Project reviewing & Project Management.
- Preparation and review of shop drawings, Bar bending schedules etc.
- General Arrangement Plans. Reinforcement Plans. Precast Working
- Beams Details, Column Details, RC Wall Details, Staircase details.
- Retaining Wall details, Sections and Details.

## Quantity Surveying

Saudibinladdin Group Sub Contractor M/S Omniah October 2010 to September 2012

The project consists of the following building

Underground Car Park: 5 basement story building total area -27500 m2.

14 floors (ground, 1st, 2nd, 3rd to 14th floor) (total area 36989 m2)

Permitted Use (offices & Retail & Residential)

The Project KAFD: Industrial city in Saudi Arabia

- Concrete footings & Under Ground Beams
- Manufacturing of Steel Columns
- Manufacturing of Steel Rafters (Steel Beams & Steel Connections)
- Manufacturing of Steel Gladding

## Draughtsman (Civil)

Uma Shanker Khandelwal CO. (Delhi) June 2007 to June 2009

- General Arrangement Plans. Reinforcement Plans.
- Beams Details, Column Details, RC Wall Details, Staircase details.
- Retaining Wall details, Sections and Details.
- Structural steel details for outriggers. Metal deck frames and steel roof.



Related Keywords: Railway [Metro, MRT, LRT, Tram], System Design [Design, FAT, Installation, System Acceptance Test, System Integration Test, Testing & Commissioning] System Engineering [System Interface and Integration, Civil Interface, System Assurance, Reliability Availability Maintainability (RAM), System Safety, Combined Service Drawing (CSD), BIM, Configurations], Security System [IP CCTV, Access Control, Perimeter Intrusion System], Rail System [Power Supply – Electrification, Communication, Public Address System, Passenger Information System, Backbone Transmission Network, TETRA Radio, Wayside Wi-Fi, PABX, BMS, SCADA, Voice Recording, Master clock, Operation Control Centre (OCC), Ergonomic, UPS System, Rolling Stock, Commercial Radio System, Signalling and Low Voltage, Platform Screen Door, Electro-Mechanical, Information System], Requirement Management and V&V [Bentley ComplyPro, IBM DOORS, Compliance, Change Management], Software Development & Integration [MMI, HMI, MODBUS, TCP-IP, VB.Net, Microsoft SQL], Terminal Port System, Automatic Barrier System, PLC, Complex System Design.

