



MUHAMMED SHAFI

ELV Systems Designer

EXPERIENCE

ELV Technical & Sales Manager

Bright Engineering

2022 - to Present

In this role, I am responsible for designing, executing, and commissioning all ELV (Extra Low Voltage) Systems, along with contributing to marketing efforts.

SENIOR ELV ENGINEER

Shaker Consultancy Group

2021-2022

Design as-built drawings, Document Review (Material Approval, Shop Drawings, Method Statement, Site Inspection Reports, Progress Reports, Material Follow-up, Red-Mark and As-built Drawings, Coordination with Main Contractor, Subcontractor, obtaining various Work Permits, Coordinating various QA/QC activities, Testing and Commissioning and Handing over.

SENIOR ENGINEER-ELV SYSTEM

GASCO

2020- 2021

Engaged in Industrial Automation and ELV (Extra Low Voltage) Systems across diverse projects.

SECURITY SYSTEM INTEGRATOR

Schuyler Security Services

2012 - 2020

In this role, I spearheaded Business Development and System Integration initiatives for diverse projects, overseeing the implementation of Access Control Systems, Lighting Control, Fire Alarm Systems, Structured Cabling, Security Systems, and Public Address Systems.

PROJECT ENGINEER

Group Five Qatar

2008 - 2012

Engaged in the design, planning, installation, testing, and commissioning of ELV (Extra Low Voltage) Systems for various projects.

COMMUNICATION ENGINEER

BOND COMMUNICATIONS

2006 - 2008

Managed site responsibilities as the lead for planning, inspection, and reporting of the Security System at the Burj Khalifa, the world's tallest building, in Dubai, UAE.

EDUCATION

Master of Technology in Automotive Electronics

Bits Pilany University - Currently doing

Bachelor of Engineering in Electronics and Communication

Anna University - India (2003-2006)

Diploma in Electronics Engineering

Department of Technical Education Board Kerala-India

Technical School in Electronics Engineering

Department of Technical Education Board Kerala-India

About Me

A highly experienced ELV System A Grade Chartered Engineer with 17 years of expertise, certified by Qatar Civil Defence and Security System Department. Proven track record of successful contributions to various projects while consistently updating skills with the latest technologies.



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ks.muhammed@gmail.com



Doha - Qatar

EXPERTISE

- Design, Execution, and Commissioning Skills
- Strategic Marketing Strategies
- Executing Cutting-Edge Technology Implementations

COURSE CONDUCTED

- Course Completed in Project Management (PMP) from Green International Education Center - Qatar.
- Training conducted in PLC, SCADA, HMI, and VFD from Z-Aksis Technologies.
- Seminar Conducted from Civil Defence - Qatar.
- Training conducted from Civil Defence Academy -United Arab Emirates.
- Workshop conducted How to balance my life and work 'with trainer Mr. Hans-George Vom Berg.
- Attended the Intersec Exhibition in 2012, 2013, 2014, 2015, 2016, 2019, 2022 and 2023.
- 'Electrical Engineering Electrical Transformer Component & Solar Systems ' from Alison Academy.
- Networking and CCNA from Aptech-Qatar.
- Participated in 15 international ELV System Exhibitions to stay abreast of the latest technologies and enhance knowledge.
- Crestron Audio System Course Conducted.
- Bass Video Door Phone Course Conducted.
- GVS KNX Automation Course Conducted.
- Fire Alarm System Training conducted by Heinrich Limited-London.

Muhammed Shafi K.S
Chartered & A Grade Engineer
Mobile No: +974 33106676
Email ID: ks.muhammed@gmail.com



**Total years of
experience in GCC
countries
17 Years**

Government Registration:

1. Ministry of Municipality & Urban Planning (MUMP)- A Grade Certified Engineer.
2. Ministry of Interior - Civil Defence Qatar Certified Engineer.
3. Ministry of Interior - Security System department Certified Engineer

**PROFESSIONAL
EDUCATION:**

1. Master of Technology in Automotive Electronics
Bits Pilani University -
Currently doing
2. Bachelor of Engineering in Electronics and Communication
Anna University - India (2003-2006)
3. Diploma in Electronics Engineering
Department of Technical Education Board Kerala-India
4. Technical School in Electronics Engineering
Department of Technical Education Board Kerala-India

Key experience areas: -

- Design, Implementation and Supervision for Fire Alarm System as per Qatar Civil Defence and NFPA Standard.
- Design, Installation, Testing and Commissioning of CCTV System as per the Ministry of Interior Security System Department Standard.
- Design, Installation, Testing and Commissioning for Access Control System, Intrusion Alarm System, Building Management System, Audio Visual System, Home Automation Systems, Structured Cabling and Parking Management System as per the client requirement.
- Design, Implementation and Supervision for PLC, HMI & SCADA System as per the client Requirement and QCS Standard
- Co- ordination with Contractor and Meeting conducting as per the requirement.
- Design and select accurate products for all ELV systems and UPS systems.
- To secure the project award, I will do my best to meet the client's requirements.

PROJECT EXPERIENCE – 1

Position: -Senior Engineer –ELV System.
Name of the Firm: - Shaker Consultant
Website: -www.shakergroup.com
Duration: - From Jan 2022- Present.
Project: - **ALAR 5 Star Hotel Project at Lusail**
Client: -M/S Thoranam
Project Management Consultant: -M/S Turner
Supervision Consultant: -M/s Shaker
Consultant Contractor: -M/s MAN Enterprises

Project Overview: - Located within the Qatar Entertainment City - Lusail the 461 room Alar Hotel is comprised of two basement floors, Ground Floor and 12 floors, including a spa, restaurants, a ballroom, lounges, terraces, landscaping works, swimming pools and kids play areas, with a section for offices and utility areas.

Roles and Responsibilities: -Design as built drawings, Document Review (Material Approval, Shop Drawings, Method Statement, Site Inspection Reports, Progress Reports, Material Follow-up, Red-Mark and As-built Drawings), Coordination with Main Contractor, Subcontractor, obtaining various Work Permits, Supervising Site Activities, Coordinating various QA/QC activities, Testing and Commissioning and Handing over .

Chartered Engineer

**From Institution of
Engineers- India in
Electronics and
Telecommunication
Division.**

PROJECT EXPERIENCE – 2

Position: -Project Engineer.

Name of the Firm: - Bond Communications

Website: - www.bondcommunications.com

Duration: -From June 2007-July 2008.

Project: -**Burj Khalifa – Dubai- UAE**

Client: -M/S EMAAR

Project Management Consultant: -M/S Turner

Supervision Consultant: -M/s Hyder Consulting

Contractor: -M/s Samsung Corporation

Project Overview: -In the center of Dubai stands the Burj Khalifa tower (formerly called Burj Dubai), the world's tallest manmade structure which have 167 floors. This impressive skyscraper, which reaches up to a record height of 828 m, is the focal point of the 500-acre mega-project 'Downtown Dubai' by Emaar Properties, described as the new heart of Dubai.

Roles and Responsibilities: -Design as built drawings, Document Review (Material Approval, Shop Drawings, Method Statement, Site Inspection Reports, Progress Reports, Material Follow-up, Red-Mark and As-built Drawings), Coordination with Main Contractor, Subcontractor, obtaining various Work Permits, Supervising Site Activities, Coordinating various QA/QC activities, Testing and Commissioning and Handing over of the following,

- ✓ IDF & MDF Room Installation and Testing.
- ✓ AMX System Supervision for all the Apartment room.
- ✓ To way Radio System, Tetra, Automation, Access control system Supervision, Testing and Commissioning.
- ✓ Installation of Audio-Visual System and Supported Co-ordination.
- ✓ Fiber Optics Installation for Wind Machine for construction of building.
- ✓ Installation and supervision for Parking Management and APNR Camera.
- ✓ Co-Ordination with Dubai Mall construction Basement 1 & 2
- ✓ Interfacing of various systems with BMS and SCADA networks

Project Experience -3

Position: -Project Engineer
Name of the Firm: - Group Five Qatar
Website:-www.group5qatar.com
Duration: -From July 2008- December 2010.
Project: - **Barwa City**
Client: -M/s. BARWA
Project Management Consultant: -M/s. AECOM
Main Contractor: -M/s Bilfinger Berger

Project Overview: The project developer, the local Barwa Real Estate Company, awarded a \$1.3bn contract to Germany's Bilfinger Berger in 2007 to build the residential components of the first phase of the Barwa City development.

Roles and Responsibilities: The roles and responsibilities include preparation of Fire Alarm System various drawings, Material take off, Coordination with client and consultants, coordinating various site activities which include mockup test approval, Installation, Testing, Commissioning and Final Handover with Training.

Project Experience -4

Position: -Project Engineer
Name of the Firm: - Group Five Qatar
Website: -www.group5qatar.com
Duration: -From July 2009- October 2010.
Project: - **Awqaf Residential compound and Commercial Building**
Client: -M/S Ministry of Interior Awqaf
Project Management Consultant: -M/s. Al Jaber
Contractor: -M/s Powermech Engineering

Project Overview: -Construction of Residential Apartment Compound and Commercial Building.

Roles and Responsibilities: The roles and responsibilities include preparation of various drawings, Material take off, Coordination with client and consultants, coordinating various site activities which mainly for Fire Alarm system & Fire Fighting System and Interfacing.

Project Experience -5

Position: -Project Engineer

Name of the Firm: - Schuyler Security Services

Website: -www.group5qatar.com

Duration: -From December 2010- December 2012.

Project: - **New Doha Port**

Client: -M/s. New Port Project (NPP)

Project Management Consultant: -M/S. AECOM

Supervision Consultant: -Sino Hydro.

Contractor: -M/s.Qatar Specialized Engineering Construction (QSEC)

Project Overview: Hamad Port replaced the existing Doha Port when it became fully operational in December 2016. It is the world's largest port development project built on unused land. The port has a capacity of six million TEU per annum and is capable of handling the largest container vessels in the world.

Roles and Responsibilities: Centralized Access Control Systems, Networking, Gate Barrier, ANPR Camera, Interfacing with Fire Alarms, Building Management System, and Lifts were designed and approved by consultants. Project supervision until the project is handed over to the client. Provide training to authorized members of the client's organization.

Project Experience -6

Position: -Project Engineer

Name of the Firm: - Schuyler Security Services.

Duration: -From March 2012-June 2014.

Project: - **Lusail Utility Tunnel**

Client: -M/S Lusail Property

Project Management Consultant: - Halcrow

Main Contractor: -M/s Sino Hydro

Project Overview: This project is a new extension to the northeast of Doha. Lusail City will turn 3,500 hectares of undeveloped waterfront into a progressive, world-class city which will house 200,000 residents and accommodate 160,000 employees and 90,000 visitors, for a total estimated population of 450,000 people. The project includes construction of Fire Fighting System & Fire Alarm System for a 27 Electrical Substation located at Lusail City.

Roles and Responsibilities: The roles and responsibilities include preparation of various drawings, Material take off, Coordination with client and consultants, coordinating various site activities which include mockup test approval, Installation, Testing, Commissioning and Final Handover documents with Training.

Project Experience -7

Position: -Senior Engineer

Name of the Firm: - GASCO

Website: -www.gasco.qa

Duration: -From July 2020 October 2021.

Project: - **Vendome Mall**

Client: -M/S Marafeq Qatar

Project Management Consultant: -M/S. Almana Design Consultants International

Contractor: -M/s. Gas Equipment & services Co. (GASCO)

Project Overview: The project, package 1,150,000m² of retail, leisure, entertainment, and luxury into a one-stop family destination by the seafront. Place Vendome is set to become a new destination for the region, combining utmost convenience with an ocean of choices.

Roles and Responsibilities: SNG Plant Construction for Gas Distributing to entire mall. Supervision for SNG Plant Automation System which include SCADA, PLC, HMI, Fire Alarm System, Access Control and CCTV System.

Project Experience -8

Position: -Senior Engineer

Name of the Firm: - GASCO

Website: -www.gasco.qa

Duration: -From July 2020 October 2021.

Project: - **Msheireb Downtown Doha**

Client: -M/s. Msheireb Properties

Project Management Consultant: -M/s. Time Qatar

Gas Consultant: -M/s. Bilfinger Tebodin

Mian Contractor: - M/s. Gas Equipment & services Co. (GASCO)

Project Overview: Musherib is the world's first sustainable downtown regeneration project, that will revive the old commercial district with a new architectural language that is modern yet inspired by traditional Qatari heritage and architecture – its proportion, simplicity, space, light, layering, ornament and response to climate.

Roles and Responsibilities: -SNG Plant Maintenance for Distributing Gas to entire downtown city and Maintenance for SNG Plant Automation System which include SCADA, PLC, HMI, Fire Alarm System, Access Control and CCTV System.

Project Experience -9

Position: -Senior Engineer

Name of the Firm: - GASCO

Website: -www.gasco.qa

Duration: -From November 2020 October 2021.

Project: - **Lusail City**

Client: -M/s. Marafeq

Project Management Consultant: - Eng. Adnan Saffarini Office

Main Contractor: Jefferson International Trading & Contracting W.L.L

Gas Contractor: - M/s. Gas Equipment & services Co. (GASCO)

Project Overview: Construction of Gas Plant and distribution to the apartment and villa at Lusail city.

Roles and Responsibilities: The roles and responsibilities include preparation of various drawings, Material take off, Coordination with client and consultants, coordinating various site activities which mainly for Gas submetering system and gas metering system automation system. Supervision for Installation, testing and commissioning of the system.

Project Experience – Others in GCC

Position: -Senior Engineer

Name of the Firm: - Schuyler Security Services

Website: -www.schuylersystems.com

Duration: -From March 2012 June 2020.

Project: - **Doha Bank, Qatar Rail, GWC Store, high raised building, , Jewellery, Labor Camp, Kitchen, and Commercial buildings.**

Client: -M/s. Doha Bank, Qatar Rail, High Raised Building, GWC Store, Jewellery, Labor Camp, Kitchen, and other commercial Building.

Main Contractor: Schuyler Security Services

Project Overview: Design, Installation, Testing and Commissioning of CCTV System, Fire Alarm System, Access Control System, Gate Barrier, Intrusion Alarm System, Automation, Networking and Audio-Visual System.

Roles and Responsibilities: The roles and responsibilities include preparation of various drawings, Material take off, Coordination with client and consultants, coordinating various site activities which mainly for all low voltage system. Supervision for Installation, testing and commissioning of the system.

Experience Based on company

ELV Technical & Sales Manager

Bright Engineering W.L.L.

[2022 - to Present](#)

The job involved the Design, Execution, and commissioning of all ELV Systems and Marketing.

SENIOR ELV ENGINEER

Shaker Consultancy Group

[2021-2022](#)

Design as built drawings, Document Review (Material Approval, Shop Drawings, Method Statement, Site Inspection Reports, Progress Reports, Material Follow-up, Red-Mark and As-built Drawings), Coordination with Main Contractor, Subcontractor, obtaining various Work Permits, coordinating various QA/QC activities, Testing and Commissioning and Handing over

SENIOR ENGINEER-ELV SYSTEM

GASCO

[2020- 2021](#)

Job Involved in Industrial Automation and ELV Systems in various projects.

SECURITY SYSTEM INTEGRATOR

Schuyler Security Services

[2012 - 2020](#)

Job involved in Business Development and System Integration of Access Control System, Lighting Control, Fire Alarm System, Structured cabling, Security System and Public Address System for different project.

PROJECT ENGINEER

Group Five Qatar

[2008 - 2012](#)

Job involved in Designing, Planning, Installation, Testing and Commissioning of ELV Systems for different projects.

COMMUNICATION ENGINEER

BOND COMMUNICATIONS

[2006 - 2008](#)

Job involved site in charge of Planning, Inspection, and Reporting of Security System in BURJ KHALIFA Project Dubai, UAE

Project Experience – India

Indo Gulf American Technology Cochin, India
(4th December 2006-1st June 2007).

Reports to R&D Manager.

Roles and Responsibilities: RESEARCH AND DEVELOPMENT ENGINEER

Design, Development, and modifications to new instruments of Inverters UPS and power supply.

United Telecommunication Bangalore, India
(3rd April 2006-30th November 2006).

Reports to Installation Head

Roles and Responsibilities: INSTALLATION AND PROGRAMMER

Job involved in installation and programming of EPABX.

Sai Electronics (Undertaken by Indian Telephone Industry) Bangalore, India (4th April 2001- 28th February 2003).

Repots to service manager.

Roles and Responsibilities: SERVICE ENGINEER

Job involved in servicing of BSNL India Telecommunication switching room C-Dot card of three categories (Control, service, and termination Card) from BSNL India.

Training and Course Conducted

- Course Completed in Project Management (PMP) from Green International Education Center - Qatar.
- Training conducted in PLC, SCADA, HMI and VFD from Z-Aksis Technologies.
- Seminar Conducted from Civil Defence – Qatar
- Training conducted from Civil Defence Academy -United Arab Emirates.
- Workshop conducted 'How I balance my life and work 'with trainer Mr. Hans-George Vom Berg.
- Intersec Exhibition conducted during 2012 ,2013,2014,2015, 2016,2022 and 2023
- Course conducted for 'Electrical Engineering- Electrical Transformer Component 'from Alison Academy.
- Networking and CCNA course conducted from Aptech-Qatar
- Course conducted for 'Solar Energy- Solar Technology and its use worldwide 'from Alison Academy.
- Attended 15 International ELV System exhibition for updating new technologies and knowledge.

Personal Information

Age & Date of birth: -

41 years- 06/03/1982

Nationality: -Indian

Marital status: - Married

Passport number: -
Z3619330

Driving License: -

**Qatar, India
International**