

MUHAMMED SHAFI K.S

Chartered , Senior ELV 'A' Grade , Civil Defence Certified Engineer

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📍 Qatar

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PROJECT EXPERIENCE

ELV TECHNICAL & SALES MANAGER

Bright Engineering W.L.L., Qatar

📅 2023 – Present

📍 Qatar

- Lead the design, execution, testing, and commissioning of complete ELV systems including CCTV, Access Control, Fire Alarm, Public Address, BMS, Structured Cabling, SMATV, and Video Intercom systems.
- Prepare technical submittals, shop drawings, system schematics, and BOQ proposals in accordance with international standards and client requirements.
- Spearhead sales and marketing activities, developing strategic partnerships, identifying business opportunities, and securing large-scale commercial and industrial ELV projects.
- Coordinate with consultants, contractors, and clients to ensure timely project completion while adhering to quality and safety standards.
- Train and supervise a team of engineers and technicians, ensuring best practices in project execution and customer service.
- Manage vendor and supplier relationships, ensuring cost-effective procurement and up-to-date technology adoption.

SENIOR ENGINEER – ELV SYSTEMS

Shaker Consultant – www.shakergroup.com

📅 Jan 2022 – 2023

📍 Qatar

Project: ALAR 5-Star Hotel, Lusail

Client: M/s Thoranam | PMC: M/s Turner | Contractor: M/s MAN Enterprises

Key Achievements & Achievements:

- Spearheaded end-to-end ELV systems oversight (CCTV, Access Control, BGM) across a luxury hospitality project valued in millions, aligning design integrity with world-class performance expectations.
- Proactively reviewed and approved over 150+ shop drawings and technical submittals, ensuring 100% compliance with project specifications, international standards, and client expectations.
- Designed and maintained high-accuracy red-line and as-built documentation, driving seamless handovers and supporting future maintenance workflows.
- Initiated real-time coordination models between contractors and subcontractors using digital collaboration tools, reducing installation clashes and improving decision-making efficiency.
- Led QA/QC inspections and method statement validations, ensuring zero non-conformities in ELV installations across multiple hotel zones.

SENIOR ENGINEER

GASCO, Doha, Qatar - <http://www.gascoqatar.com/>

📅 Nov 2020 – Oct 2021

Project: Lusail City |

Client: M/s Marafeq | Consultant: Eng. Adnan Saffarini Office | Main

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

Key Achievements & Responsibilities:

- Spearheaded end-to-end delivery of Lusail City Gas Plant and network integration.
- Engineered smart gas metering systems—design to execution.
- Optimized material planning, reducing delays in procurement.
- Oversaw seamless installation, testing, and automation rollout.
- Acted as the technical bridge between client, consultant, and contractor.
- Delivered comprehensive project close-out documentation.
- Led safety-focused, hands-on user training for system adoption.

SUMMARY

Dynamic and technically driven professional with hands-on experience in ELV systems, fire safety, security, and automation solutions across iconic GCC projects such as Burj Khalifa, Lusail City, and Vendome Mall. Backed by government accreditations and currently pursuing M.Tech in Automotive Electronics from BITS Pilani, I aim to integrate cutting-edge engineering principles with real-world execution. Seeking a challenging role in a future-focused organization where I can drive intelligent infrastructure solutions, lead smart system integrations, and contribute to sustainable, tech-enabled environments that define the next generation of urban innovation.

GOVERNMENT REGISTRATIONS & CERTIFICATIONS

- Ministry of Municipality & Urban Planning (MUMP), Qatar – A Grade Certified Engineer
- Ministry of Interior – Civil Defence, Qatar – Certified Engineer
- Ministry of Interior – Security Systems Department, Qatar – Certified Engineer
- Chartered Engineer – Institution of Engineers (India), Electronics & Telecommunication Division

EDUCATIONAL QUALIFICATIONS

Master of Technology (M.Tech) in Automotive Electronics

BITS Pilani University (2024 - 2025)

Bachelor of Engineering (BE) in Electronics and Communication Engineering

Anna University, India (2003–2006)

Diploma in Electronics Engineering

Department of Technical Education, Kerala (1998 - 2001)

Technical School Certification in Electronics Engineering

Department of Technical Education, Kerala (1995 - 1998)

SENIOR ENGINEER

GASCO, Doha, Qatar

Jul 2020 – Oct 2021 Qatar

Project: Msheireb Downtown Doha
Client: M/s Msheireb Properties | Consultant: Time Qatar | Gas Consultant: Bilfinger Tebodin

Key Achievements & Responsibilities:

- Spearheaded seamless operations of the SNG Plant powering Msheireb Downtown.
- Optimized SCADA, PLC & HMI systems for peak automation performance.
- Streamlined fire, access, and surveillance systems with proactive maintenance.
- Drove tech upgrades through close coordination with top-tier consultants.
- Digitized maintenance logs for real-time performance tracking.
- Mentored technicians on smart diagnostics and rapid response protocols.
- Championed safety-first culture, exceeding regulatory compliance.

SENIOR ENGINEER

GASCO, Doha, Qatar

Jul 2020 – Oct 2021 Qatar

Project: Vendome Mall
Client: M/s Marafeq Qatar | Consultant: Almana Design Consultants International | Contractor: GASCO

Key Achievements & Responsibilities:

- Spearheaded the SNG Plant construction to enable seamless gas distribution across Vendome Mall.
- Engineered advanced automation using SCADA, PLC, and HMI for real-time control and efficiency.
- Integrated intelligent safety and security systems—Fire Alarm, CCTV, and Access Control.
- Acted as the technical bridge between client, consultant, and contractor for smooth project alignment.
- Led end-to-end system testing and fine-tuning to ensure optimal performance.

SENIOR ENGINEER

Schuyler Security Services, Doha, Qatar

March 2012 – June 2020 Qatar

Projects: Doha Bank, Qatar Rail, GWC Store, High-rise Buildings, Jewellery Shops, Labor Camps, Kitchens, Commercial Buildings

Key Achievements & Responsibilities:

- Engineered smart low-voltage solutions enhancing security and automation across diverse infrastructures.
- Led seamless integration of CCTV, fire alarms, and access control systems tailored to high-risk environments.
- Delivered precision in design, BOQ, and technical drawings using advanced CAD tools.
- Bridged technical execution with client vision through proactive coordination and consultancy.

PROJECT ENGINEER

Schuyler Security Services, Doha, Qatar

March 2012 – June 2014

Project: Lusail Utility Tunnel | Client: M/s Lusail Property | Consultant: Halcrow | Main Contractor: Sino Hydro

Key Achievements & Responsibilities:

- Designed and optimized fire safety systems for 27 substations in a high-stakes infrastructure project.
- Streamlined procurement through precise material take-offs and vendor coordination.
- Accelerated project timelines by securing swift client and consultant approvals.
- Led successful mock-up demonstrations, ensuring early-stage validation.
- Directed on-site teams for seamless system installation, testing, and commissioning.

KEY SKILLS

- ELV System Design & Integration
- Fire Alarm & Fire Fighting Systems
- Security & Surveillance Systems (CCTV, Access Control)
- Building Management Systems (BMS)
- Gas Detection & Automation Systems
- Project Execution & Site Supervision
- Testing, Commissioning & Handover
- GCC Regulatory Compliance & Certification
- Technical Documentation & Reporting
- Client Coordination & Stakeholder Management
- AutoCAD & System Schematics Interpretation
- Team Leadership & Vendor Management

PERSONAL DETAILS

Date of Birth : 06/03/1982
Gender : Male
Nationality : Indian
Passport No : Z3619330

DRIVING LICENSE DETAILS

Driving License: - Qatar, India International

LANGUAGES

English
Arabic
Hindi
Tamil
Malayalam

TRAINING, CERTIFICATIONS & EXHIBITIONS

- Project Management (PMP) – Completed from Green International Education Center, Qatar
- PLC, SCADA, HMI & VFD – Technical Training from Z-Aksis Technologies
- Civil Defence Training – Completed at Civil Defence Academy, United Arab Emirates
- Civil Defence Seminar – Conducted by Civil Defence, Qatar
- Workshop – “How I Balance My Life and Work” by Mr. Hans-George Vom Berg

PROJECT ENGINEER

Schuyler Security Services

📅 Dec 2010 – Dec 2012

Project: New Doha Port (Hamad Port)

Client: New Port Project (NPP) | PMC: M/s. AECOM | Consultant: Sino Hydro
| Contractor: QSEC

Key Achievements & Responsibilities:

- Engineered advanced security solutions integrating ANPR, access control, and smart surveillance.
- Led seamless system integration with BMS, elevators, and fire safety infrastructure.
- Delivered milestone-driven execution with zero compromise on compliance or quality.
- Collaborated cross-functionally with consultants and clients for agile design approvals.
- Championed commissioning, SATs, and client onboarding with full technical handover.

PROJECT ENGINEER

Group Five Qatar – [\[www.group5qatar.com\]](http://www.group5qatar.com)

📅 Jul 2009 – Oct 2010

Project: Awqaf Residential Compound & Commercial Building

Client: Ministry of Interior Awqaf | PMC: M/s. Al Jaber | Contractor:
Powermech Engineering

Key Achievements & Responsibilities:

- Engineered precision-driven shop drawings for Fire Alarm & Fire Fighting systems.
- Streamlined BOQ validation and material procurement to optimize cost and speed.
- Drove client-consultant approvals through smart coordination and technical clarity.
- Led on-ground teams in installations, system mock-ups, and performance testing.
- Integrated fire systems seamlessly with BMS for enhanced smart control.
- Resolved on-site challenges swiftly with hands-on technical intervention.

PROJECT ENGINEER

Group Five Qatar – [\[www.group5qatar.com\]](http://www.group5qatar.com)

📅 Jul 2008 – Dec 2010

Project: Barwa City

Client: BARWA | PMC: AECOM | Main Contractor: Bilfinger Berger

Key Achievements & Responsibilities:

- Designed and validated Fire Alarm System drawings per NFPA standards, expediting approvals.
- Optimized procurement via accurate material take-offs and just-in-time coordination.
- Acted as key liaison among client, PMC, and contractor to align design and execution.
- Supervised on-site installation of fire safety systems, ensuring code compliance.
- Led mock-up installations and obtained authority approvals for full-scale rollout.

PROJECT ENGINEER – ELV SYSTEMS

Bond Communications – www.bondcommunications.com

📅 Jun 2007 – Jul 2008

Project: Burj Khalifa, Dubai

Client: EMAAR | PMC: M/S Turner | Consultant: Hyder Consulting | Main
Contractor: Samsung Corp.

Key Achievements & Responsibilities:

- Spearheaded end-to-end installation of MDF/IDF rooms, optimizing cable management, layout integrity, and equipment mounting for maximum operational efficiency and minimal downtime.
- Directed seamless deployment of AMX home automation systems in ultra-luxury residential units, ensuring precision integration and client-specific customization.
- Oversaw advanced access control, Tetra radio systems, and AV automation for one of the world's most iconic towers, ensuring real-time security and communication interoperability.
- Engineered and executed fiber optic cabling infrastructure supporting wind machine interfaces critical to vertical construction progress and tower stabilization.

- Course – Electrical Engineering – Electrical Transformer Component from Alison Academy
- Course – Solar Energy – Solar Technology and Its Global Applications from Alison Academy
- Networking & CCNA Course – Completed at Aptech, Qatar

Exhibitions Attended:

- Intersec – Dubai & Saudi Arabia
- CPSE – China
- Asian Expo – Hong Kong
- IFSEC – India
- Canton Fair – China
- Attended in 2012, 2013, 2014, 2015, 2016, 2022, 2023 and 2024
- **Participated in 15+ international ELV system exhibitions for technology updates and knowledge enhancement.**

PROJECT EXPERIENCE – INDIA

1. Indo Gulf American Technology, Cochin, India

Position: Research and Development Engineer
Duration: 4th December 2006 – 1st June 2007
Reporting To: R&D Manager

2. United Telecommunication, Bangalore, India

Position: Installation and Programmer
Duration: 3rd April 2006 – 30th November 2006
Reporting To: Installation Head

3. Sai Electronics (Under Indian Telephone Industries), Bangalore, India

Position: Service Engineer
Duration: 4th April 2001 – 28th February 2003
Reporting To: Service Manager

PROFESSIONAL EXPERIENCE

Based on company - correct order

ELV Technical & Sales Manager

Bright Engineering W.L.L., Qatar | 2023 – Present

Senior ELV Engineer

Shaker Consultancy Group, Qatar | 2021 – 2023

Senior Engineer – ELV Systems

GASCO, Qatar | 2020 – 2021

Security System Integrator

Schuyler Security Services, Qatar | 2012 – 2020

Project Engineer – ELV Systems

Group Five Qatar, Doha, Qatar | 2008 – 2012

Communication Engineer

Bond Communications, Dubai, UAE | 2006 – 2008