MOHAMED SALEEM MOHAMED FAZARATH



Multi-Disciplinary Technical Professional

CONTACT

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Immediate | Open to Gulf Region | Open to Sri Lanka

EDUCATION

- Master of Science in Mechatronic Systems
  Kingston University
  Feb, 2026 - May, 2027 (Enrolled)

- Master of Energy Management
  The Open University of Sri Lanka
  Sep, 2025 - Dec, 2026 (Reading)

- Bachelor of Engineering (Honours) in Electrical and Electronic Engineering
  Kingston University
  Feb, 2019 - Aug, 2023

- Bachelor of Science (Honours) Cyber Security
  University of Gloucestershire
  Apr, 2019 - Jul, 2022

COURSE

- Diploama in Human Resource Management
- Advanced Diploma in Financial Markets
- Advanced Diploma in Project Management
- Diploma in Business Management
- Diploama in Psychology

CERTIFICATIONS

- Certificate in MEP Engineering & Quantity Surveying
- Certificate in Autodesk AutoCAD, Autodesk Revit
- Industrial Automation
- Hikvision Certified Security Associate
- Hikvision Certified Security Professional
- Milestone Certified Integration Technician
- Milestone Certified Integration Engineer
- Level 2 Fire Safety
- Certificate in IOSH & NEBOSH
- ISO/IEC 27001 (ISMS), ISO 9001 (QMS)
- Microsoft AZURE: AZ-900, AZ-104, AZ-400, AZ-800
- Fortinet: Network Security Expert 1 - 7
- Certified Ethical Hacker (CEH)
- ISC2: CC, CISSP
- CISCO: CCNA (200-301), CCNP ENCOR (350-401), CCNP ENARSI (300-410)

Hello, I'm Fazarath

A dedicated Electrical and Electronic Engineer with a strong passion for innovation and problem-solving across multiple disciplines. With a solid foundation in electrical engineering principles, I bring extensive hands-on experience in Electrical and Electronic, IT, Networking, Cyber Security, Renewable Energy, ELV Systems, BMS Systems and MEP-related Systems. I am fully prepared to contribute in both technical and engineering capacities to meet organizational demands. My expertise spans a wide range of engineering and technology domains, including designing and optimizing electrical systems, supporting IT and networking infrastructure, coordinating on-site project activities, and integrating ELV, BMS, MEP systems. I have hands-on experience with technical support, system implementation, field operations, and renewable energy installations. I'm quick to adapt across disciplines - whether it's field-based tasks, office coordination, or system-level troubleshooting and always committed to delivering high-quality work regardless of the setting or challenge.

SKILLS

- **Proficient in Electrical system design, installation, and maintenance including MEP-related works.**
- **Familiar with electrical safety standards, load calculations, and power distribution systems.**
- **Experienced in Renewable Energy solutions: solar system sizing, installation, and monitoring.**
- **Skilled in ELV system integration: CCTV, data, Wi-Fi, voice, VoIP, BMS, and PA systems.**
- **Strong background in IT infrastructure setup, network management, and troubleshooting.**
- **Knowledgeable in structured cabling (CAT, Fiber Optic) and network connectivity.**
- **Experienced in system testing, commissioning, and routine preventive maintenance.**
- **Adept at reading and interpreting technical drawings, BOQ, and equipment specifications.**
- **Capable of coordinating multi-disciplinary projects, ensuring quality and timely execution.**
- **Effective communicator with problem-solving skills, adaptable in dynamic technical environments.**

EXPERIENCE

ELV & BMS ENGINEER (FULL-TIME, ON-SITE)

Maintenance and Management Solutions, Doha, Qatar — Aug, 2025 - Mar, 2026

- Installed, configured, and commissioned ELV systems including BMS, CCTV, Access Control, Structured Cabling, Fire Alarm interfaces, and Low Current systems across commercial and site environments.
- Operated and monitored BMS platforms for HVAC, lighting, and power systems, ensuring optimal performance, fault detection, and preventive maintenance coordination.
- Conducted testing, troubleshooting, and fault rectification for ELV/BMS field devices, controllers, sensors, and networked systems. Coordinated with MEP, HVAC, IT, and civil teams to ensure seamless integration of ELV systems with building services.
- Reviewed and interpreted shop drawings, system schematics, and as-built drawings related to ELV and BMS installations. Performed site inspections, commissioning checklists, and handover documentation in compliance with project specifications and safety standards.
- Managed network connectivity for ELV systems, including IP addressing, switches, patch panels, and basic VLAN concepts for CCTV and BMS networks. Supported VMS platforms and IP cameras (installation, configuration, live monitoring, and fault diagnosis). Assisted in system upgrades and expansions activities for existing ELV systems.
- Maintained daily site reports, fault logs, and preventive maintenance records for ELV and BMS systems.

ELV & NETWORK ENGINEER (FULL-TIME, ON-SITE)

SecureTech LLC, Abu Dhabi, United Arab Emirates — May, 2024 - Jul, 2025

- Installed and configured ELV systems like CCTV, Access Control, Fire Alarm and Barrier Systems, ensuring optimal performance and industry compliance.
- Worked with various Servers, Workstations, Switches, and Firewalls, enhancing hardware troubleshooting and configuration skills.
- Diagnosed and resolved technical issues, minimized downtime, and performed regular maintenance to enhance system longevity.
- Integrated new technologies into existing ELV infrastructures and conducted system upgrades to improve capabilities and security.
- Enforced quality control measures, conducted thorough testing, and maintained detailed documentation of systems and processes.
- Provided technical support, ensuring client satisfaction, and conducted training sessions to help clients manage their systems effectively.
- Collaborated with colleagues on-site, coordinated installations & ensured timely project completion within budget.

- **Note: I have completed numerous additional online & physical courses from accredited institutions, and I am happy to provide further details upon request.**

TECHNICAL SKILLS

Electrical & Electronic Engineering

- Electrical Panel Installation, Maintenance & Fault Diagnosis (Single/Three Phase)
- Power Distribution Design, Load Calculation & Circuit Protection (MCB, RCCB)
- Electrical Wiring, Conduit Laying, Cable Termination & Standard Testing
- Solar Power Systems: Installation, Configuration & Monitoring (Off-Grid/On-Grid)
- PV Sizing, Inverter Selection & Battery Integration
- Energy Optimization for Residential & Industrial Loads
- Electrical Layout, SLDs, Wiring Diagrams & Specs Drafting
- MEP Coordination, Site Supervision Support, Construction Documentation, BOQ & Material Tracking
- Familiar with Industrial Automation: PLC Basics, Relays, Sensors & Actuators)
- Skilled in Multimeter, Clamp Meter, Megger & Electrical Test Equipment
- Troubleshooting & Maintenance of Motors, Switchgear & Transformers

ELV Systems

- CCTV, Access Control, Fire Alarm, Intercom, Physical Security Systems, IPTV & MATV, and BMS Integration
- Configuration & Deployment of Data, Wi-Fi, Voice, VoIP, BGM (Background Music), and PA (Public Address) Systems
- Structured Cabling (CAT, Fiber Optic), Termination and Cable Management
- Rack Layout Design, Patch Panel Termination, Labeling & Network Connectivity Setup
- Hands-on Experience with DVR/NVR, Video Analytics, IP & Wi-Fi Cameras, Remote Monitoring, and Storage Systems
- Site Supervision, System Testing, Commissioning, Troubleshooting & Preventive Maintenance
- Reading and Interpreting Schematic Diagrams, Layout Drawings BOQ, BOM Preparation

IT Support, Networking & Cloud Experience

- Technical Support for End-User Devices, Operating Systems (Windows/Linux), Printers & Network Peripherals
- Installation, Configuration, and Maintenance of Workstations, Servers, Laptops, and Mobile Devices
- Strong Troubleshooting Skills in Hardware, Software, and Network Issues (Layer 1–3)
- LAN/WAN Configuration, VLAN Management, DHCP/DNS Setup, Port Forwarding, and IP Addressing
- Familiar with Network Security Concepts: Firewalls, VPN Setup, and Intrusion Detection
- Experience with Routers, Switches, Wireless Access Points and Network Cabling
- Basic to Intermediate Server Administration (Windows Server, Active Directory, Group Policy)
- Hands-on with Virtualization Tools (VMware, VirtualBox, Hyper-V)
- Cloud Computing Knowledge: AWS, Microsoft Azure, IAM, VM Deployment & Basic Security Configurations
- IT Asset Management, Documentation, Ticketing Systems
- Strong Knowledge of Backup Solutions, System Updates and Patch Management
- Cybersecurity Awareness: Endpoint Security, Phishing Prevention, MFA and Basic SIEM Familiarity

- **Note: I have hands-on experience with a wide range of industry-relevant software, tools, and platforms across Engineering, Mechanical, IT, ELV, and Cybersecurity domains. For brevity, only key proficiencies are listed here. I'm happy to provide a detailed list upon request.**

ASSISTANT ENGINEER - SOLAR PROJECTS (FULL-TIME, ON-SITE)

A & H Energy Solutions (Pvt) Ltd, Trincomalee, Sri Lanka — Apr, 2023 - Apr, 2024

- Optimized solar panel installations for maximum efficiency using advanced techniques and tailored system settings with configuration software.
- Developed preventive maintenance schedules, cutting downtime by 20%, and used remote monitoring to proactively resolve issues.
- Led integration of advanced solar storage and monitoring solutions, improving energy management and providing real-time insights.
- Ensured system reliability through rigorous testing, inspections, and environmental assessments, maintaining compliance with standards.
- Established a 24-hour response system and conducted client training, enhancing satisfaction and empowering users to manage systems effectively.

IT SPECIALIST (FULL-TIME, HYBRID)

Gbase Technologies, Trincomalee, Sri Lanka — Sep, 2020 - Apr, 2023

- Diagnosed and resolved hardware/software issues for desktops/laptops. Conducted routine maintenance to optimize system performance.
- Provided expert support for Windows and Linux, including configuration, upgrades, and maintenance.
- Efficiently identified and resolved network issues, supporting router, switch, and firewall configurations.
- Ensured reliable Server & Workstation performance through setup, maintenance, and troubleshooting.
- Contributed to website creation and maintenance, managing hosting services for high availability and security.
- Assisted with printer setup and maintenance. Provided tech guidance and training to enhance team proficiency.
- Delivered prompt IT support, maintaining high client satisfaction through effective communication and problem-solving.

PROJECT COORDINATOR (PART-TIME, REMOTE)

Institute of Higher Education, Colombo, Sri Lanka — Mar, 2022 - Mar, 2023

- Assisted lecturers in coordinating academic projects, ensuring alignment with academic objectives and timelines.
- Provided guidance and support to students throughout their project work, helping them understand requirements and navigate challenges.
- Worked closely with lecturers to define project scopes, goals, and deliverables, ensuring that academic standards were met.
- Organized and allocated resources, including study materials and tools, to facilitate smooth project execution.
- Monitored student progress, assisted in reviewing drafts, and provided feedback to keep projects on track.
- Maintained accurate records of project milestones, submissions, and feedback while acting as a liaison between students and lecturers to ensure clear communication and promptly address concerns.

ELV & ELECTRICAL TECHNICIAN (PART-TIME, ON-SITE)

Kin Zone, Trincomalee , Sri Lanka — Apr, 2021 - Nov, 2023

- Installed and configured various ELV systems including CCTV, access control, fire alarms, and network infrastructure to meet client security standards.
- Supported single-phase electrical wiring, conduit installation, DB fixing, and cable routing under supervision to ensure safe and efficient power delivery for ELV systems.
- Integrated ELV systems with power sources and UPS backups; implemented upgrades with the latest technologies to improve functionality and coverage.
- Diagnosed faults in ELV and basic electrical systems, performed corrective maintenance, and replaced damaged components to restore system performance.
- Conducted end-to-end testing, voltage checks, and insulation testing using multimeters and other tools to ensure operational reliability.
- Maintained logs of installation layouts, wiring diagrams, and maintenance reports; liaised with supervisors and clients for smooth project execution.
- Delivered on-site technical support and training to clients for proper system usage, remote monitoring, and maintenance routines.

TECHNICAL SUPPORT & SITE COORDINATION OFFICER (PART-TIME, ON-SITE)

M.F. Construction Lanka (Pvt) Ltd, Trincomalee — Apr, 2019 - Sep, 2020

- Supported MEP Engineers in coordinating site activities, resolving minor technical issues, and ensuring project deadlines were met.
- Preparing and updating technical drawings using AutoCAD (including Electrical Drafting) and Autodesk Revit, contributing to accurate documentation and design clarity.
- Carried out basic electrical installation tasks including conduit laying, cable routing, socket & DB fixing under supervision.
- Assisted in site-level troubleshooting for electrical circuits, power distribution panels & minor plumbing works.
- Maintained daily logs, material requests, and progress reports, ensuring proper communication between site and office teams.
- Participated in BOQ verification & site measurements, collaborating with quantity surveyors & procurement staff.
- Ensured safety compliance on-site, supported toolbox meetings & followed up on housekeeping & material storage.
- Gained practical exposure in reading construction drawings, load calculations, and checking basic layout conformity during execution.