

# Vishnu K



## CONTACT INFO

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"Accomplished professional with over **7+** years of robust experience in advanced security systems, ELV services, and building management systems, seeking to leverage expertise in a senior technical role. Skilled in the installation, maintenance, and management of complex electrical and security systems, with a proven track record of enhancing system functionality and project delivery through effective supervision and technical acumen. Aiming to apply my skills in a challenging environment that values innovation and is committed to continual improvement and operational excellence."

## AREA OF EXPERTISE

- ELV Systems
- Safety Compliance
- Structured Cabling
- CCTV Installation
- Vendor Coordination
- Fire Alarm Systems
- Project Coordinator
- Quality Control
- Access Control

## SYNOPSIS

- Experienced professional with over **7+** years of expertise in ELV systems, CCTV, and building management systems, working on multiple high-profile projects.
- Demonstrated expertise in the installation and maintenance of security systems including analog, IP, and wireless cameras, ensuring robust security operations.
- Proficient in configuring and maintaining advanced security equipment and systems, enhancing client infrastructure and safety.
- Led key projects such as the LRT station at Lusail and Mega Water Reservoir PRPS-2, overseeing critical electrical and security installations.
- Expertise in structured cabling and system integration, ensuring efficient operations and system reliability across various setups.
- Proven leadership in supervising teams, enhancing productivity and project delivery through effective coordination and quality control.
- Strong analytical skills in troubleshooting and diagnostics, ensuring quick resolution of complex technical issues to maintain operational excellence.
- Implemented preventive maintenance and system upgrades, significantly reducing operation costs and improving system efficiency.
- Extensive experience in client interaction, providing tailored solutions and technical support to meet diverse operational needs.
- Committed to adhering to safety standards and regulatory compliance, ensuring all project activities uphold the highest levels of security and efficiency.

## EXPERIENCE

### Texaas Smart Service, Erode

DEC 2022 TO JUNE 2024

#### CCTV Service Engineer

- Performed routine maintenance and repair of security systems, including analog, IP, and wireless cameras, ensuring optimal performance and reliability.
- Installed various types of camera systems such as Hikvision and CP+ digital video recorders (DVRs) and network video recorders (NVRs) in diverse settings.
- Configured and maintained wireless camera solutions from brands like Ezviz and Trueview, enhancing client security infrastructure.
- Executed structured cabling projects for both data and security systems, ensuring organized and effective cable management and connectivity.
- Conducted diagnostic tests and troubleshooting on electronic security equipment to identify and resolve issues promptly.
- Maintained detailed documentation of installation procedures, system configurations, and maintenance activities for client reference and compliance.
- Coordinated with clients to assess their security needs and recommend appropriate security solutions and enhancements.
- Updated system firmware and software as required, keeping security technology up-to-date and functional.
- Provided technical support and training to clients on new system installations and existing system upgrades.
- Ensured adherence to safety standards and regulations during all installation and maintenance activities to prevent accidents and ensure system integrity.

## Omega Engineering WLL, Qatar

SEP 2019 TO NOV 2021

### Engineer Electrical

#### Growth Path:

##### Designation

Engineer Electrical (ELV)  
Junior Electrical Instrumentation

##### Duration

Jan 2020 to Nov 2021  
Sep 2019 to Jan 2020

- Led the installation and maintenance of essential ELV systems, including fire alarm systems, access control systems, and CCTV operations, ensuring seamless security and safety operations.
- Managed the design and implementation of public address/general alarm systems (PA/GA) and structured cabling systems, improving communication and network infrastructure.
- Supervised and evaluated the work of electrical supervisors and foremen, enhancing team productivity and project delivery efficiency.
- Coordinated with quality control engineers, site representatives, and consultants to prepare and conduct system inspections, ensuring compliance with project specifications.
- Reported directly to senior engineers and construction managers about daily activities and overall project progress, maintaining transparent communication and management oversight.
- Conducted thorough follow-ups with vendors post-inspection to ensure timely programming and system functionality checks.
- Performed maintenance and repairs on security systems, fire alarm devices, and access controls, adhering to precise electrical blueprints and building plans.
- Troubleshoot and resolved technical issues, including identifying and correcting loose connections or ground faults, to maintain system integrity.
- Collaborated closely with other team members to ensure timely completion of assigned tasks and to facilitate efficient work flow.
- Tested, documented, and troubleshoot cabling systems, ensuring all installations met the required standards and were fully operational.

#### Project

- LRT station, Tunnel Roads L-1, L-2 LUSAIL CP07B,
- Project-Mega Water Reservoir PRPS-2

## Mecton Technologies WLL, Erode

APR 2016 TO APR 2017

### Junior Engineer Electrical

- Oversaw the installation and maintenance of security systems, including access control systems (ACS) and CCTV, ensuring operational integrity and security compliance.
- Managed the installation and troubleshooting of fire alarm systems (FAS), enhancing building safety and ensuring compliance with fire safety standards.
- Supported the deployment and maintenance of integrated computer technology (ICT) and building management systems (BMS) to optimize building operations.
- Executed the installation of electrical panels such as LCP, DAP, FCU-CU, and SCADA, contributing to the automation and efficient management of building systems.
- Led containment works including the installation of ladders, trunking, cable trays, and conduit piping, ensuring organized and safe cable management.
- Provided engineering supervision for cabling, device installation, and termination activities, ensuring adherence to technical specifications and quality standards.
- Coordinated material procurement based on site requirements, prepared material requisitions, and managed inventory to maintain adequate supply levels.
- Established a fully operational site store setup following consultant approvals, streamlining material usage and storage.
- Allocated jobs and managed manpower on-site, monitoring daily activities to keep project deliverables on schedule.
- Ensured all technical operations complied with industry standards and safety regulations, maintaining high levels of quality control throughout project phases.

#### Project

- Musherib Dohaland Phase-1B IO2.

## Sterling & Wilson Office, Erode

APR 2019 TO AUG 2019

### BMS Operation/Maintenance

- Developed and implemented planned preventive maintenance schedules for building management systems, ensuring consistent operational efficiency.
- Conducted daily audits of plant performance utilizing BMS tools such as data logging, plant review, and alarm manager status to maintain optimal function.
- Analyzed historical data logged from various systems to assess performance and recommend enhancements to increase efficiency and reduce operational costs.
- Programmed and scheduled automatic periodic testing for critical systems including standby power generators, firefighting pumps, and HVAC units via the BMS.
- Monitored and adjusted settings on BMS to improve the functionality and efficiency of fire alarm systems, access control systems, and CCTV.

**Erode Electricals and Rewinding Works, Erode**

DEC 2017 TO MAR 2019

**Service Desk Assistant**

- Conducted winding failure analysis to diagnose and resolve electrical faults, enhancing motor performance and longevity.
- Performed comprehensive electrical testing on various equipment to ensure adherence to operational standards.
- Managed the disassembly and thorough cleaning of motors and parts, maintaining high standards of quality and efficiency.
- Updated and maintained records of Monthly Electricity Board (EB) and Diesel Generator (DG) units to track consumption and operational status.
- Compiled and maintained daily service reports and other documentation, ensuring accurate data logging and compliance with procedural standards.
- Conducted final electrical testing on all serviced equipment, guaranteeing that items met quality specifications before shipment.
- Provided technical support and guidance to clients, enhancing customer satisfaction and service quality.
- Assisted in troubleshooting and resolving client inquiries, offering timely and effective solutions to maintain service continuity.
- Supported the service team in scheduling and tracking maintenance activities to optimize workflow and reduce downtime.
- Managed inventory of parts and supplies, ensuring availability and timely procurement to support service operations.

**Kanagaraj Electrical Hardware, Erode**

APR 2014 TO JUN 2015

**Electrical Technician**

- Installed, tested, and maintained CCTV and fire alarm systems, ensuring optimal functionality and safety.
- Conducted operations and maintenance of 630 KVA oil-cooled transformers, adhering to industry standards and safety protocols.
- Managed preventive maintenance and troubleshooting of 625 KVA and 350 KVA Cummins diesel generator sets, enhancing system reliability and performance.
- Performed synchronization operations for multiple generator sets, ensuring efficient power supply and load distribution.
- Maintained dual 60 KVA UPS systems from Emerson, overseeing regular checks and service updates to prevent system failures.
- Conducted routine inspections and maintenance tasks to ensure equipment operates at peak efficiency.
- Documented all maintenance and repair activities, creating detailed reports for system audits and performance reviews.
- Collaborated with a team of technicians on large-scale projects, contributing to timely and successful project execution.
- Addressed and resolved technical issues promptly, minimizing downtime and operational delays.
- Assisted in the procurement and setup of electrical components and systems, ensuring compliance with electrical codes and standards.

**Project**

Reliance Mall, Erode.

**CERTIFICATIONS****Post Graduate Diploma in Building Management System**

NOV 2021

**SMEC Automation Pvt Ltd, Kochi**

Credential ID: 92926

**Solar Power Installation & Solar Appliances**

MAR 2014

**Entrepreneurship Development & Innovation Institute**

Credential ID: 1502031044141503

TECHNICAL SKILLS	Operating System	Windows 2000/XP/7/8.1/10
	Office Packages	MS Outlook/2000/9/7/10, MS Office

EDUCATION	Gnanamani Engineering College, Namakkal	APR 2014
	BE in EEE	
	K.S.Rangasamy Institute Of Technology, Tiruchengode	APR 2011
	Diploma in EEE	

CORE COMPETENCIES	<ul style="list-style-type: none"> <li>• Expert in the design, installation, and maintenance of electrical low voltage (ELV) systems, including CCTV, access control, and fire alarm systems.</li> <li>• Proficient in managing and executing structured cabling projects, ensuring high standards of connectivity and integration for security and data systems.</li> <li>• Skilled in supervising technical teams, enhancing team productivity and project efficiency through effective leadership and coordination.</li> <li>• Demonstrated ability to troubleshoot and resolve complex technical issues, minimizing downtime and maintaining continuous system functionality.</li> <li>• Experienced in quality control and compliance, conducting thorough inspections and coordinating with engineering and site teams to meet project specifications.</li> <li>• Capable of conducting comprehensive system audits and performance reviews to identify and implement improvements that enhance efficiency and reduce costs.</li> <li>• Adept in programming and system configuration, utilizing advanced technology to optimize building management and security systems.</li> <li>• Strong project management skills, capable of overseeing multiple projects from inception to completion, ensuring timely delivery and adherence to budget.</li> <li>• Effective communicator, able to articulate technical information clearly to clients, stakeholders, and team members to facilitate informed decision-making.</li> <li>• Committed to continuous learning and professional development, staying updated with the latest industry trends and technological advancements.</li> </ul>
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LANGUAGES KNOWN	English	✓ Read ✓ Write ✓ Speak	Hindi	✓ Speak
	Tamil	✓ Read ✓ Write ✓ Speak	Malayalam	✓ Speak

PERSONAL DETAILS	Name	Vishnu K	Age	32
	Father's Name	Krishnankutty	DOB	06/11/1991
	Passport Number	N3659263	Expiry Date	10/11/2025
	Nationality	Indian	Gender	Male
	Marital Status	Single	Native Place	Erode