

CURRICULUM VITAE

PERSONAL INFORMATION

Full Name: Ramesh Kunwar
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Passport No: PA4065931
Passport Expiry: 09 April 2035
Date of Birth: 11 September 1992
Nationality: Nepalese

JOB APPLIED FOR

Electrical Technician / ELV Technician / Fire Alarm Technician

PROFESSIONAL SUMMARY

Highly dedicated and Certified Electrical Technician with 11+ years of experience, including 7 years of extensive experience within the GCC (UAE & Kuwait) on high-security government and royal projects (Presidential Palaces, Crown Prince Court, Military Offices, Royal Palaces), Abu Dhabi Highway and critical oil sector facilities (KNPC, KOC refineries and power substations). Specialized in the technical implementation of Electrical Systems, Power Systems (UPS, Solar PV), ELV Systems (CCTV Systems, Access Control Systems, Gate Barriers, PIR Motion Detectors) and Fire Alarm Systems. Proven expertise in ensuring the safety and efficiency of electrical systems, installation, commissioning and Planned Preventive & Corrective Maintenance of critical assets with Safety Regulations (OSHA, MSDS, NFPA, BS). Recognized for delivering reliable results under pressure and independently leading technical tasks in prestigious and high-risk environments.

TECHNICAL TOOLS & EQUIPMENT

- Testing & Measurement: Proficient in using Digital Multimeters, Clamp Meter, Cable Testers, Insulation Testers, and Earth Resistance tools.
- Hand Tools: Skilled with Crimping Tools, Wire Strippers, Pliers, manual cutters and various other tools.
- Power Tools: Experienced in operating Hammer Drills, Grinders, and Battery-operated Screwdrivers.
- ELV Specific Tools: Expert in using RJ45 Crimper and CCTV/Network Cable Testers.

KEY ELECTRICAL STRENGTHS

- Building & Industrial Wiring
- LT Electrical Systems
- Panel Wiring & Termination
- Earthing & Grounding Systems
- Solar PV Installation & Maintenance
- UPS & Backup Power Systems
- Electrical Fault Finding & Preventive Maintenance

- Strong Safety Awareness (PPE, Lockout/Tagout)
- Fire Alarm Systems (Addressable & Conventional – Simplex by Tyco experience)
- Integration with FM-200 Clean Agent Suppression Systems
- ELV Systems including CCTV Systems with Milestone VMS software (various camera types: Fixed, Dome, PTZ, Bullet, Pinhole, 180° Panoramic Cameras, Dual-Lens Panoramic Camera), Lenel Access Control Systems, Under Vehicle Surveillance Systems (UVSS), PIR Motion Detectors (Preventive & Corrective Maintenance), LPR/ANPR Systems and PTZ/Fixed Camera for Road Traffic Surveillance
- Experience in high-security and prestigious projects (UAE Royal Palaces, Military Offices, Road Traffic Surveillance; Kuwait KNPC/KOC oil facilities and substations)

PROFESSIONAL EXPERIENCE

Building Wiring & Solar Electrician (Freelance) – Nepal | October 2023 – Present

- Installation, modification, and maintenance of residential, commercial, and light industrial electrical systems.
- Complete conduit, trunking, cable pulling, termination, and labeling works.
- Installation, testing, and commissioning of Solar PV systems (Hybrid & Off-grid) including inverters, batteries, charge controllers, and protection devices.
- Fault finding and rectification of short circuits, overloads, earth leakage, and voltage imbalance.
- Ensuring compliance with electrical safety standards, grounding/earthing systems, and PPE usage.
- Coordination with clients to ensure timely completion and quality workmanship.

Electrical & ELV Technician – Al Fahad Security System L.L.C., Abu Dhabi, UAE | September 2017 – September 2023

- Installation and maintenance of LV electrical systems, UPS systems, distribution boards, and power cabling in high-security government and royal facilities including Presidential Palace, Crown Prince Court, Royal Palaces, and Military Offices.
- Electrical wiring, termination, and testing for commercial, industrial, and prestigious high-profile buildings.
- Installation, commissioning, and preventive & corrective maintenance of CCTV with Milestone VMS software, Lenel Access Control Systems (ACS), PIR Motion Detectors/Sensors, Gate Barriers, and LPR/ANPR road traffic surveillance camera systems in sensitive, restricted, and public traffic areas.
- Troubleshooting of power failures, UPS alarms, battery issues, control panels, and surveillance/intrusion system faults.
- Preventive and corrective maintenance to minimize downtime and ensure system reliability in high-stakes projects.
- Strict adherence to UAE electrical safety regulations and work permit systems.
- Maintained detailed Daily Progress Reports (DPR) and maintenance logs to track all preventive and corrective tasks performed during the shift.

Fire Alarm Technician – Mechanical Engineering & Contracting Co. W.L.L., Kuwait | November 2015 – December 2016

- Installation and maintenance of Addressable and Conventional Fire Alarm Systems (Simplex by Tyco brand, including detectors, control panels, notification devices, loop testing, commissioning, and emergency lighting integration) in KNPC and KOC oil plants/refineries, power substations, and large commercial towers.
- Electrical wiring, cable tray installation, conduit bending, panel termination, switchboards, sockets, lighting fixtures, and emergency lighting in high-risk industrial and commercial environments.
- Integration of fire alarm systems with FM-200 Clean Agent Suppression Systems (using Tyco Hygood / Ansul cylinders or similar brands) in control rooms, substations, and critical areas.
- Electrical fault diagnosis and repair following lockout/tagout and strict safety procedures.
- Maintained detailed Daily Progress Reports (DPR) and maintenance logs to track all preventive and corrective tasks performed during the shift.

Shift Electrician – Butwal Cement Mills, Butwal, Nepal | August 2012 – January 2015

- Operation and maintenance of HT/LT electrical systems, motors, MCC panels, and transformers.
- Preventive and breakdown maintenance of heavy industrial machinery and production lines.
- Monitoring electrical loads, insulation resistance, and equipment performance.
- Immediate response to electrical faults to ensure minimum production downtime.
- Maintained detailed Daily Progress Reports (DPR) and maintenance logs to track all preventive and corrective tasks performed during the shift.

EDUCATION & CERTIFICATIONS

- Diploma in Electrical Engineering – Lumbini Engineering College, Nepal (*UAE MOFA Attested*)
- School Leaving Certificate (SLC) – Shree Pragati Secondary School, Nepal

PERSONAL DETAILS

- Languages: English, Nepali, Hindi, Arabic