

[1-868-733-3443](tel:1-868-733-3443)<http://linkedin.com/in/adesh-mahepath-97a0b9186>amahepath@gmail.com

St. Augustine, Trinidad & Tobago

SUMMARY:

Senior electrical professional with 19 years of experience in high and low voltage installation and maintenance, expert in new project installation and commissioning. Seeking a position where I bring my skills to support your mission of delivering innovative and sustainable electrical solutions.

EXPERIENCE:

2025 – Present: Teak-Samaan-Poui (TSP) Electrical Lead at PERENCO.

- Participates in training and providing day-to-day lead work direction to Electricians and Assistant Electricians; participates in assigning work and ensures conformance with District, department and code standards; monitors work flow to assist in ensuring that mandated deadlines are met; provides information, guidance and training on work procedures; assists in maintaining a fair and open work environment in accordance with the District's commitment to teamwork, mutual trust and respect.
- Installs, maintains and repairs transformers, panel boards and branch circuit wiring; bends and installs various types of conduit and duct systems; installs raceways and panels; installs lighting systems, receptacles, fixtures and switches; fabricates brackets, holders and supports; installs, maintains and repairs motor control circuits; replaces and repairs outdoor lighting systems including parking lot pole lights to a height of 100 feet.
- Measures, cuts, bends, threads, assembles and installs electrical conduit using rulers, measuring devices, hand tools, pipe threaders and conduit benders; place conduit pipes or tubing inside partitions, walls or other concealed areas and pulls insulated wires/cables through conduits to complete circuits.
- Analyzes blueprints, wiring schematics and drawings of electrical systems to determine processes for efficient installation of new or upgraded systems.
- Uses the SAP system to ensure all maintenance documentation is completed and archived in accordance with site procedures.

COURSES:

- 2021 Canadian Electrical Code Essentials (STO) – Online Training
- Licensed Wireman (Industrial), Government Electrical Inspectorate of Trinidad and Tobago.
- Protective Relay Operation and Maintenance.
- Transformer Installation and Maintenance.

SKILLS:

- High Voltage Cable Preparation, Termination and Splice Installation.
- Fundamentals of High Voltage Switchgear.
- Protective Relay Operation and Maintenance.
- Transformer Installation and Maintenance.
- Evaluation of Electrical Systems for Hazards.

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2023 – 2025: Electrical Technologist Assistant at PERENCO.

- Install, inspect, and test electrical switchgears, breakers, MCCs, generators, motors, lighting, VFDs and UPS systems equipment based on a preventive maintenance program.
- Successfully managed and completed the installation of a 6.6kV Electrical Shelter, consistently meeting strict quality and safety standards.
- Provided expert troubleshooting and repair services for high & low-voltage equipment on 2 Alpha platform facilities, reducing system downtimes by 40%.
- Completed installation of cable trays, cables, transformers and VSD units for the supply of power to (6) six Electrical Submersible Pumps for drilling.

2017 – 2023: Offshore/Onshore, Electrical Project Lead at Ronald's Maintenance Services.

- Spearheaded the successful completion of a major educational facility, electrical project resulting in a 15% increase in client satisfaction.
- Successfully coordinate and execute the installation of 3 offshore electrical shelters on Alpha platforms. These shelters housed main switchgear, DCS and control panels for transformers, motors and VSD units.
- Plan and executed the upgrade of busbars in a 2000 Amp switchgear unit to 4000 Amps.
- Received recognition for consistently meeting or exceeding project deadlines while maintaining high-quality standards.

**KEY
ACHEIVEMENTS:****Safety Milestone
Recognition:**

- Recognized for achieving over 10,000 hours of incident-free work, emphasizing the outstanding commitment to electrical safety standards.
- Received recognition for volunteering expertise to wire essential services in underprivileged neighborhoods, positively impacting dozens of homes.

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2011- 2017: Electrical Engineering Technician at Ministry of Finance.

- Performs preventative electrical maintenance and repair work; install/replace fixtures, switches, receptacles, and wiring.
- Coordinate with other maintenance staff to ensure smooth and efficient facility operations.
- Maintains records and logs as needed.
- Provides guidance and direction to less experienced personnel and others assigned to his/her position.
- Ensuring less than 5% of downtime at Ministry of

2005- 2011: Electrical Technician at Design Engineering Services Limited.

- Install electrical apparatus, fixtures and equipment for alarm and other systems.
- Install safety and distribution components (e.g. switches, resistors, circuit-breaker panels etc.)
- Connect wiring in electrical circuits and networks ensuring compatibility of components.
- Prepare and install metal and P.V.C conduits.
- Prevent breakdown of systems by routinely inspecting and replacing old wiring and insulated cables, cleaning circuits etc.
- Perform effective troubleshooting to identify hazards or malfunctions and repair or substitute damaged units.

PASSION:**Energy-Efficient Technologies**

- Passionate about researching and implementing cutting-edge energy-efficient technologies in electrical systems.



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EDUCATION:

Currently Pursuing:

Pearson BTEC Higher National Diploma (HND) in Engineering (Electrical and Electronic Engineering),
then advance to **BEng (Hons) Electrical and Electronic Engineering Technology.**
(SBCS) 2024-Present

Level 2 IVQ Diploma in Electrical Installation **(Distinction)**

Automation Technology College, Trinidad, 2010

Diploma in Electrical & Electronic Engineering **(Engineering Fundamentals)**

Trinizuela Technical & Vocational College, Trinidad, 2005 – 2006

Certificate in Electrical & Electronic Engineering Technology (Distinction)

Trinizuela Technical & Vocational College, Trinidad, 2004 – 2005

REFERENCES:

MICHAEL JAMES
SENIOR ELECTRICAL ENGINEER
1-868-738-8959

RONDON STEWART
MANAGING DIRECTOR
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