



SAMUEL SINGH

Electrical Engineer

My Contact

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☎ +592 617 8553

Hard Skill

- Circuit design and construction.
- PLC and microcontroller programming.
- Offshore equipment operation & maintenance
- Robotics and automation

Soft Skill

- Observation
- Decision making
- Communication
- Multi-tasking

Education Background

● University of Guyana

BSc. Electrical Engineering.
2019-2021

● University of Guyana

A.S. Electrical Engineering.
2016-2018

Government Technical Institute

Dip Mechanical & Electrical Engineering.
2014-2016

● Queen's College

CSEC - 12 Subjects.
2013

About Me

Reliable and self-driven individual, passionate about engineering and technology. Thrives in multidisciplinary environments and embraces challenges. Strong leadership experience and excellent problem-solving skills are evident in career, academic, and extracurricular achievements.

Professional Experience

GPLI Guyana | Automation Engineer

2023 – Current

Key responsibilities:

- Design and implementation of automation solutions for the national power infrastructure.
- Enable upgrade of existing SCADA systems for electrical power grid.
- Support System Control and Operations.
- Supervision of Senior Technicians/ Engineers

SLB (Guyana, Trinidad, Suriname) | Field Engineer

2021 - 2023

Key responsibilities:

- Operate and maintain Offshore Well Testing Equipment.
- Perform logistics coordination for Well Testing equipment.
- Assist in training and supervision of new personnel and third-party contractors.
- Prepare reports on various Well Testing and pertinent activities.
- Assist in Product and Supply Chain Management projects.

PPDI Guyana | Electrical Technician Intern

2018 – 2019

Key responsibilities:

- Operation and maintenance of electrical generator sets and industrial automated systems.
- Supervision of junior technicians.

Projects

2024 – 2025 Development of robotic arm with inverse kinematics and full digital twin.

2020 – 2021 Development of prototype deep learning Covid-19 response system.

2017 – 2018 Development of prototype wearable smart glass.

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Certifications

BOSIET with CA-EBS

BOSIET with CA-EBS done at RelyOn Nutec. Exp. 2026

Coursera Certification

Coursera certification in ten courses ranging from project management to AI development.

Vocational

- Carpentry
- Masonry
- Welding / Fabrication
- Electrical Installation
- Plumbing

Extracurricular

R&D lead at UGRC

Head of research and development at Guyana's first maker space, The University of Guyana Robotics Club.

Sound Technician

Sound technician and musician at local church.

Hobbies

- Playing musical instruments
- Driving and Cycling
- Tinkering with electronics
- Cross-platform app development
- 3D designing and printing