# CURRICULUM VITAE

## Bamidele Samuel

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🌐 Portfolio: https://samtech0.onrender.com/

🔗 LinkedIn: https://www.linkedin.com/in/bamidele-samuel-3a7812259/

## CAREER OBJECTIVE

A highly skilled Electrical, Electronics, and Web Development professional with expertise in embedded systems, programming, and solar installation. Passionate about using technology to solve real-world problems, developing innovative solutions, and continuously improving technical skills.

## PERSONAL INFORMATION

Full Name: Bamidele Samuel

Place of Birth: Igbajo, Osun State, Nigeria

State of Origin: Osun

Local Government Area: Boluwaduro

Nationality: Nigerian

Gender: Male

Marital Status: Single

Permanent Address: No 97, Fajite’s Compound, Isao Street, Igbajo, Osun State.

Specialization: Electrical, Electronics, & Web Development

## KEY ACHIEVEMENTS

• Developed an IoT gas monitoring system powered by an 18650 battery with ATtiny85 and OLED display.

• Designed a dynamic school website with automated student registration and unique admission number generation.

• Built an MPPT charge controller for a 12V, 200Ah lead-acid battery using Arduino and LCD display.

• Created a periscope distance measurement system using ATtiny85, OLED, and ultrasonic sensors.

• Constructed Biometric voting machine system.

• Developed a heart rate monitoring system with MAX30100, OLED, and Arduino Nano.

• Developed portfolio website and many more.

## EDUCATION

**Igbajo Polytechnic, Osun State (2018 – 2023)**

• HND in Physics with Electronics (September 2023)

• ND in Electrical/Electronics Engineering (August 2020)

**Shining Memorial High School, Igbajo, Osun State (2015 – 2017)**

• NECO Certificate (June 2017)

**Community Middle School, Igbajo, Osun State (2012 – 2015)**

**Baptist Nursery & Primary School, Igbajo, Osun State (2005 – 2012)**

• Primary School Leaving Certificate (August 2012)

## WORK EXPERIENCE

Great Minds Comprehensive College, Ibadan, Oyo State (NYSC) (2024 – Present)

• Physics, Mathematics & Robotics Instructor

Igbajo Polytechnic, Osun State (2010 – 2024)

• Laboratory Technician

MTN Connect Store, Ilesa, Osun State (Industrial Training) (2020 – 2021)

• Maintenance and Repair Technician

Segsonic Dependable Solar Power, Ikirun, Osun State (SIWES) (2018 – 2019)

• Repair Crew

## TECHNICAL SKILLS

Programming Languages: C++, Python

Web Development: HTML, CSS, JavaScript, Django

Embedded Systems: RTOS, UART, SPI, I²C

Electronics & Electrical Work:

• Electronics Repair

• Solar Installation

• Electrical Installation

## CERTIFICATIONS & TRAINING

• Embedded Systems & IoT Development – Udemy (2024)

• Full-Stack Web Development – Coursera (2023)

• AutoCAD for Electrical Engineers – LinkedIn Learning (2022)

## COMPUTER PROFICIENCY

• Microsoft Word

• PowerPoint

• CorelDRAW

• AutoCAD

## EXTRA-CURRICULAR ACTIVITIES

• Reading

• Researching

• Playing Football

## REFEREES

Engr. M.A Okandeji, MNSE

Deputy Rector, Igbajo Polytechnic, Osun State

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Engr. Fajumobi S.A

Head of Department, Electrical/Electronics, Igbajo Polytechnic, Osun State

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Mr. Oyetunji A.A

Senior Lecturer II, Electrical/Electronics, Igbajo Polytechnic, Osun State

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