



BUILD-A-TECH

INCUBATOR & WORKSPACE

Building the technology of tomorrow to solve the challenges of today



JOB DESCRIPTION:

POWER SYSTEMS ENGINEER

Build-a-Tech Incubator & Workspace is a hardware technology accelerator with a mission to equip start-ups with cutting-edge resources, tailored mentorship, and practical tools that help innovators build impactful tech products. You will have the opportunity to work in a world-class workspace, interface with innovators, and collaborate on energy and hardware innovation projects.

BASIC JOB FUNCTION:

Design, develop, test, and optimise power and energy systems that support both internal projects (e.g., renewable energy, microgrids, battery systems) and partner products.

CLASSIFICATION:	Technical Personnel
JOB TYPE:	On-Site / Full-Time
WORK HOURS:	SHIFT A: 08:00 AM – 04:00 PM SHIFT B: 09:00 AM – 05:00 PM SHIFT C: 10:00 AM – 06:00 PM Saturday : 09:00 AM – 05:00 PM (1 Saturday / month)
SALARY:	₦100,000 to ₦150,000 Monthly determined by relevant years of experience, qualifications and education
LOCATION:	Uyo, Akwa Ibom

DUTIES & RESPONSIBILITIES

- Design and simulate electrical and power systems (DC/AC).
- Develop battery management and charging subsystems.
- Analyse energy requirements and perform load calculations.
- Build and test prototypes (solar, hybrid, energy-harvesting systems).
- Work with fabrication teams to integrate power systems into products.
- Troubleshoot electrical and power system performance issues.
- Maintain technical documentation and compliance records.

REQUIRED SKILLS

- Strong understanding of electrical systems (DC, AC, batteries, inverters).
- Experience with power electronics, BMS, and charge controllers.
- Proficiency in schematic capture and simulation tools.
- Good analytical, problem-solving, and communication skills.

OPTIONAL

- Experience with renewable energy (solar, wind, hybrid).
- Familiarity with energy monitoring systems or IoT integration.
- Field deployment or commissioning experience.

EDUCATION

Experience and proficiency in the above Duties & Responsibilities and Required Skills sections will be weighed above any educational qualifications. Applicants not possessing the above-listed degrees should not be discouraged from applying.

It is preferred that applicants possess a Bachelor's degree in Electrical Engineering, Power Systems, or a related field.

TO APPLY

Interested candidates fill out the [Employment Application Form](#) and select the **POWER SYSTEMS ENGINEER** position (or use the appropriate link on the careers page).

Note: a Google Account is required to complete the application form.

Additional enquiries should be directed to careers@buildatech.ng.