

We Are Hiring!

Open Position
Reports to
Contract type
Level
Location

Renewable Energy Engineer
Head Of Renewable Energy Lab
Permanent, Fulltime
Mid-career
Abuja (Onsite)



WHO WE ARE

Innov8 Hub is a not-for-profit, non-governmental organization with a mandate to groom innovators, researchers, creatives, and venture creators. We strategically aid and collaborate with organizations and individuals seeking to transform their ideas into solutions.

JOB DESCRIPTION

Innov8 Hub is seeking a skilled **Renewable Energy Engineer** to design, develop, and optimize renewable energy systems. The ideal candidate should have expertise in **electronics, renewable energy, and power systems**, with a strong ability to integrate cutting-edge technologies into sustainable energy solutions.

IN THIS ROLE YOU WILL:

- **Design & Development:** Develop and optimize renewable energy systems, including solar, wind, and hybrid power solutions.
 - **Power Systems Analysis:** Conduct simulations, load flow analysis, and performance evaluations for power generation and distribution systems.
 - **Embedded Systems & IoT:** Integrate smart monitoring systems and IoT solutions into renewable energy setups for real-time analytics and control.
 - **Energy Storage Solutions:** Work on battery energy storage systems (BESS) and power electronics for efficient energy management.
 - **System Troubleshooting & Maintenance:** Diagnose and resolve issues related to power generation, distribution, and embedded control systems.
 - **Project Implementation:** Oversee the installation and commissioning of renewable energy projects, ensuring compliance with industry standards.
 - **Research & Innovation:** Explore emerging technologies, including AI-driven energy management, to enhance efficiency and reliability.
 - **Compliance & Safety:** Ensure all designs and implementations adhere to environmental and regulatory standards.
-

EDUCATION, EXPERIENCED & SKILLS

Required:

- Bachelor's or Master's degree in Electrical Engineering, Renewable Energy, Power Systems, or a related field.
- Strong knowledge of electronics, embedded systems, power electronics, and energy storage systems.
- Experience with KiCad, FlatCam or similar tools.
- Practical knowledge of renewable energy installations, including solar PV, inverters, and grid integration.
- Ability to troubleshoot, optimize, and maintain renewable energy systems efficiently.
- Strong ability to work with cross-functional teams, clients, and stakeholders to deliver projects successfully.

Preferred:

- Certifications in renewable energy, power systems, or embedded systems.
 - Experience with AI and ML applications in energy optimization.
 - Prior experience in smart grid, microgrids, or hybrid energy systems.
-

REMUNERATION

Salary Range – Open – Initially dependent on experience, thereafter on performance

HOW TO APPLY

Please submit your resume and a cover letter highlighting your relevant experience and why you are the ideal candidate for this position to **hr@innov8hub.ng** on/before **Wednesday, 6th August, 2025..**