

### Product Engineer

#### **Description:**

Energiot develops autonomous IoT devices to monitor power grid assets. Our solution is the new frontier for smart grid applications by combining an innovative energy harvesting technology that allows our nodes to work without batteries and with low-power sensors that can provide a massive amount of information about the grid. You will be part of our company's new technical team and help take an innovative product to the market.

#### **Required qualification**

- BS/MS in electronic, electric or telecommunication engineer.
- Electronic hardware design and implementation.
- Good knowledge of PCB design tools.
- 1 year of related experience.
- Knowledge of coding in C, Python or MATLAB.
- Microcontroller programming (Texas Instrument, ST, Nordic SoC).
- Experience with wireless communication protocols (LORA, SigFox, I2C, others)
- Knowledge of Amazon Web Services or other Cloud Services and IoT.
- Languages: fluent in English; Speaking Spanish and Chinese is a plus.

#### **Other qualifications:**

- Proactive, autonomous, and responsible.
- Good dealings with clients and good communication skills.
- Knowledge in basic 3D design and COMSOL simulation.
- Experience with CAD / EDA design software.

#### **Your primary responsibilities are:**

- Leading R&D projects.
- Design and development of the product device.
- Prepare documentation and verify electronic equipment for high voltage.
- Create and review datasheets of the products.
- Reporting directly to the board.
- You will work directly with clients and suppliers.

#### **What do we offer?**

- *1-year full-time contract (with the possibility of extension).*
- *Flexible working time, work with autonomy, and stimulating environment.*
- *Salary according to the candidate's experience*
- *Working in Barcelona with possibility of working in remote.*
- *Face development challenges and become part of a young startup.*

#### **Who are we?**

Energiot is a startup company, created in 2017, spun off from the Microelectronic Institute of Barcelona (IMB-CNM, CSIC), taking advantage of its laboratories and infrastructures. We offer an IoT system for electricity grid operators, allowing them to optimize the power grid's operation and maintenance, increase the penetration of renewable energies, and avoid batteries. InnoEnergy supports and is an investor of Energiot.

#### **Where are we?**

##### **R&D center**

IMB-CNM, Campus UAB  
Carrer Tillers s/n, Campus UAB, Bellaterra,  
Barcelona 08193, Spain

##### **Office in Barcelona**

Carrer de Jordi Girona, 29, Innoenergy Offices,  
Barcelona, Barcelona  
08034, Spain

#### **Contact**

Please, send us your CV and cover letter to: [jobs@energiot.com](mailto:jobs@energiot.com)

Subject: Product engineer | YOUR NAME

You can find us at: [www.energiot.com](http://www.energiot.com)

Also in our LinkedIn: [www.linkedin.com/company/energiot](http://www.linkedin.com/company/energiot)

*Take the lead of your future, be part of the next revolution.*