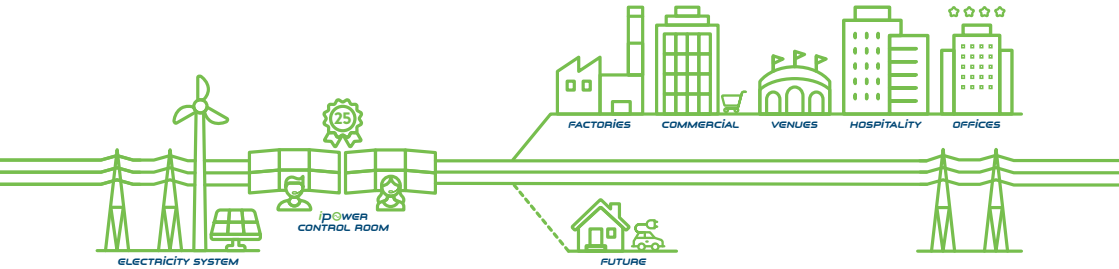
iPOWER
FLEXIBLE ENERGY

iPOWER YOUR CAREER

JOB OPPORTUNITY:

SOFTWARE ENGINEER

ABOUT US



iPower Flexible Energy operates at the cutting edge of the all-Ireland electricity market, specializing in innovative demand-side management and smart energy solutions. Demand-side management involves optimizing energy consumption by reducing or shifting electricity usage during peak periods. This helps the introduction of additional renewable generation onto the system through balancing supply and demand, enhancing grid stability, while reducing energy costs.

Join us in shaping the future of energy with advanced IoT technology and integrated solutions. Our headquarters are in Lisburn, with sites across Northern Ireland and the Republic of Ireland.

OUR TECHNOLOGY:

iPower has over 25 years of generator expertise owning c50 MVA and operating over 120MVA of standby generators. Our in-house bespoke platform logs data at a resolution of 20ms on site and communicates between our electricity generation assets and our control room at a 1-second resolution. This industry-leading software maximises the availability of generators through real-time visibility and historical data analysis.

LOCATION:

Lisburn Office-based Work and Various Locations for Site-based Work across Northern Ireland and the Republic of Ireland.

ROLE OVERVIEW

We are looking for a skilled Software Engineer with experience in building web-based applications using Blazor, to join our team based in Lisburn. You will work under the CTO as part of a collaborative team responsible for maintaining and enhancing our bespoke platform , ensuring seamless operation for both in-house engineers and customers.

As a Software Engineer at iPower Flexible Energy, you will play a critical role in developing and maintaining our platform. You will work on applications that monitor and control our fleet of generators in real-time, ensuring seamless communication between generation assets and our control room. Additionally, the role will include learning in-house processes and building applications to enhance or automate them.

KEY RESPONSIBILITIES:

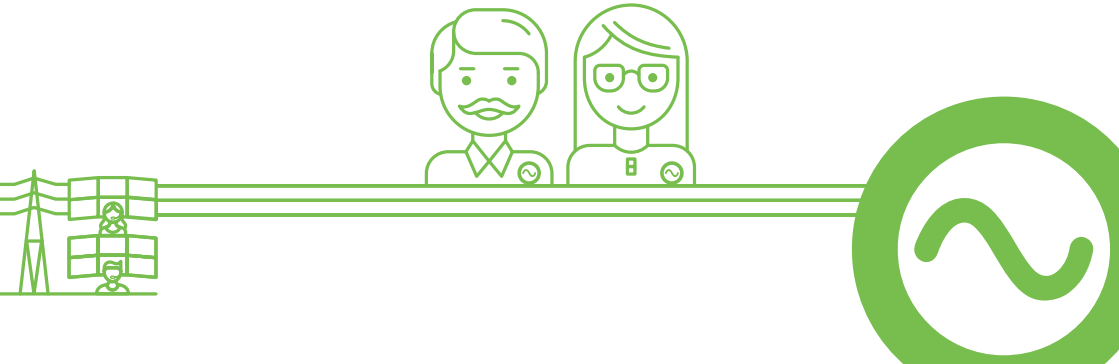
Build and maintain high-performance, web-based applications using Blazor and C# .NET, supporting critical functions for real-time monitoring and control of our electricity generation assets.	Learn and automate essential in-house processes, including contracts management, generator maintenance scheduling, and reporting, to increase operational efficiency and accuracy.
Work closely with the CTO and in-house engineering teams to implement new features, troubleshoot issues, and continually enhance system functionality based on team and customer feedback.	Use historical data and real-time monitoring to identify performance bottlenecks, troubleshoot system issues, and implement optimizations for both stability and efficiency.
Design and execute comprehensive testing strategies, including unit, integration, and end-to-end tests, to ensure software quality and minimize the risk of issues in production environments.	Build and manage CI/CD pipelines to ensure seamless code integration, testing, and deployment processes, maintaining system integrity with each release and enabling rapid iteration.

iPOWER
FLEXIBLE ENERGY

WHAT WE OFFER

REMUNERATION AND BENEFITS PACKAGE:

ATTRACTIVE SALARY: Competitive remuneration for your skills and contributions.	**PENSION PLAN:** Secure your future with our robust pension scheme.
MEDICAL INSURANCE: Comprehensive health coverage.	**EDUCATIONAL SUPPORT:** You will be provided with training and access to courses on specialized equipment to enhance your technical skills and support your career growth.
HANDS-ON TRAINING: Gain practical experience in a dynamic work environment with state-of-the-art technology.	**MENTORSHIP:** Learn from experienced professionals in the field of electricity generation, electrical and electronic engineering.



HOW TO APPLY

CRITICAL SKILLS AND EXPERIENCE:

TECHNICAL EXPERTISE:
The candidate must have strong experience with Blazor (both front and back end) and entity framework, Familiarity with CI/CD pipelines, automated testing, and deployment practices.

PROBLEM-SOLVING SKILLS:
Ability to troubleshoot and resolve technical issues effectively.

TEAM PLAYER:
Strong communication skills and ability to work collaboratively.

BONUS SKILLS:
Experience in the energy sector or with real-time data systems. Familiarity with data logging and analysis tools. Understanding of generator control systems and industrial equipment communication protocols.

Interested candidates should submit their CV along with a cover letter.

Applications should be made by email to contact@ipowerflex.energy or by post.

JOIN

iPOWER
FLEXIBLE ENERGY

AND BE A PART OF
THE FUTURE OF
SMART ENERGY
SOLUTIONS.

APPLY NOW AND EMBARK ON AN EXCITING CAREER PATH WITH ENDLESS POSSIBILITIES.

028 9600 2900
1 Lissue Walk, Lisburn, BT28 2LU