



M I D S U M M E R

Midsummer Energy Ltd
Cambridge Road Industrial Estate
Milton
Cambridge
CB24 6AZ

jobs@midsummerenergy.co.uk

Application pack - Graduate Web Developer

Many thanks for your interest in a role with us as a Graduate Web Developer! Please find enclosed a description of the role along with some further information about what makes us tick.

To apply for the post, please complete the online application form and upload your CV and a cover letter at <https://midsummerwholesale.co.uk/graduate-developer>. If you have any questions about the role, please email jobs@midsummerenergy.co.uk.

Our web development team is a critical part of our business, and there are huge opportunities (and challenges) ahead as we extend the capability of our existing tools and build new ones. It's an exciting time for renewables - thanks for your interest in being a part of what we do!

We really look forward to hearing from you.

Yours faithfully,

Andy Rankin,
Managing Director, Midsummer



The role

Keen to begin a career in software but don't know where to start? Take your first software development footsteps in a small, enthusiastic company that's using technology to make the transition to a low carbon future easier.

Although our core business is distributing components of renewable energy systems, we also build software to design renewable power systems. We're looking to grow the team, and we're creating an opportunity for someone who doesn't have experience, but is able to learn quickly and is willing to get stuck in.

We're particularly interested in applicants who can demonstrate a good eye for design and who have a passion for really great user experience, to work on the customer facing side of our websites.



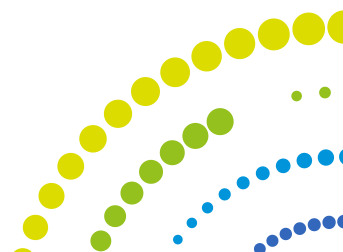
About us

We're primarily a distributor of components of renewable energy systems - from solar panels to batteries and heat pumps. Most of our staff operate forklifts rather than keyboards.

However, computing plays a huge role for us. **Easy-PV**, our online PV tool suite, allows solar PV installers to design PV systems quickly and robustly in a matter of seconds, with all the correct mounting and electrical components. At the click of a button, it also does financial projections, schematics, structural calculations, and even fills out electrical commissioning forms for the user. Easy-PV is geared towards the UK market, but we also have versions tailored for Ireland, global users, and a private version customised for a large energy company.

We've also recently released **Heat Punk**, a software tool for heat pump installers. As gas boilers begin to be replaced with heat pumps we expect this to be a growing part of our business, and it is exciting to be creating the tools that installers will be using every day as the country transitions to cleaner sources of heating.

We have also developed most of the internal systems we use, which simplifies our interactions with customers and allows us to manage our own business efficiently. Having an in-house web development team means we can do all these things with great speed and flexibility. Midsummer is a growing company and there is lots of exciting work to be done!



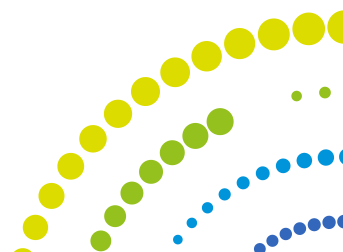
About you

You're naturally talented and creative, and you want a career that will make a difference. Disappearing into a large organisation or doing the same thing every day doesn't appeal - you'd like to put your skills to use to make the planet greener as well as earn your keep. You've got a passion for design and would love to spend your days coding software that is intuitive and enjoyable to use.

We'll be looking for two particular characteristics in the winning candidate. The first is the ability to think clearly and logically, to break down a problem into manageable chunks and write a solution in code that not just solves the problem, but that is written well so that the code can be understood and maintained by others.

The second characteristic is an eye for good design. Web design is all about the human-computer interface. You need to understand how users interact with our software, and have the ability to develop tools that are not just pleasing to the eye, but that are intuitive, feel natural, and a pleasure to use.

The post is particularly suitable for recent graduates or those about to graduate. You don't need to be versed in any particular programming languages, but a thoughtful approach to problem solving is essential as well as an eye for good design.



What we offer

You'll be joining a small team, so you'll get early responsibility and the work you will do will immediately make a difference. Our office and warehouse work side by side, so you'll be sharing a dynamic, busy site with the rest of the team. There's a friendly and informal atmosphere, and a real buzz when things get going.

You will learn on the job, and we'll bring you up to speed as fast as possible. You will be mentored by a more experienced member of the team in your first year.

We offer a salary of £32k, and the position is based in our offices on the outskirts of Cambridge. We are open to some degree of flexible working, but you should expect to be primarily office based. Although we're advertising for a junior position, we'd also be interested in applicants who already have software development experience or have a PhD which included elements of coding - a higher wage may be negotiable in that case.


In addition to base salary we have a policy of sharing 10% of the profits of the company equally amongst long-term employees. In time this can add very significantly to your basic pay, although you should note that you would not be eligible for the profit share in the first year of your employment.

We can be flexible with start dates.

To apply

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MIDSUMMER

2020 Distributor of the Year, Solar & Storage Live Awards

Front room to boardroom

Midsummer began in the front room of a narrow boat. We've moved through 6 ever-larger warehouses since then, have expanded overseas and we have a brilliant team of more than 50 people across different parts of the business.

What we do

Our business is broken up into 3 key areas:

- We distribute renewable energy products including solar PV, EV chargers, battery storage systems and renewable heating in the UK and Ireland.
- We supply off-grid systems to customers who need power away from the national grid
- We've written our own PV design software that makes designing solar power systems incredibly easy. It's used by installers and manufacturers in the UK and internationally.

The future

The transition to clean energy will touch on all aspects of modern life. Generating and storing clean energy at source makes ever more sense as we wean ourselves off fossil fuels throughout society.

Electrification of transport is happening now, for heating it's just beginning, and intelligent home energy systems are becoming mainstream. The wholesale industry is a key delivery mechanism for this transition.



2005-2021

"I can't imagine a job I'd love more or a company I could be more committed to. Every single day we're moving renewables forward and I'm surrounded by a great bunch of people helping to do it."

The snowball effect

With sales driven by the software we have written, we have grown from a one-man band to a company of 60 and a multi-million pound turnover.

We've recently moved into our largest warehouse to date on the outskirts of the beautiful university city of Cambridge.



UK SALES

£36m

2021



Ireland office

We opened for business in Dublin in May 2019 and the team are going from strength to strength, with two new members just appointed. The Midsummer formula is ideally suited to a new and growing market.

Off-grid experts

It's what we started out in and a market with huge potential as battery costs fall. We've got a huge amount of experience in off-grid systems, and we've developed a loyal customer base.



International software

Our easy-pv software can be used by installers based anywhere in the world. We have a growing international user-base and have lots of plans for expansion



Easy PV

Solar design made simple

We used to install solar PV systems ourselves - and found that we had to use 5 or 6 different software packages to complete a full design.

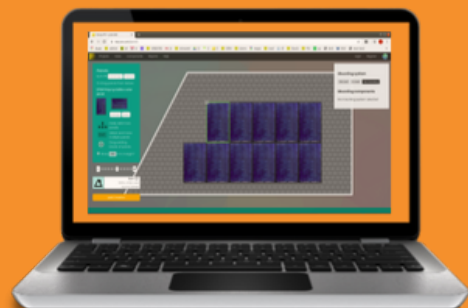
Every mounting system, every inverter brand, had their own design tool - and then you had to use spreadsheets and word processors to pull everything together and create a nicely formatted quote.

We shoehorned a design package together that did everything - and saved ourselves a lot of time and wasted effort!

When we gave up installations to concentrate on distribution, we realised our design tool was actually one of our greatest assets. We put a huge amount of effort into improving it and making it available to our distribution partners. It's now used by hundreds of people every day to design PV systems. And because it connects seamlessly to our e-commerce website, it makes it easy for users to purchase from us. We have seen our sales grow enormously as a result.

Our integrated solar design software simplifies design, paperwork and ordering into one neat package. It :

- Draws roofs to scale
- Automatically creates solar array layouts that make best use of the available space
- Designs the mounting system and undertakes structural calculations
- Selects appropriate inverters and undertakes stringing calculations
- Specifies electrical components such as meters and isolators
- Creates a schematic
- Produces shading & yield calculations
- Generates a professional quote and technical report
- Makes financial projections for the customer
- Auto-completes commissioning forms
- Connects to our websites for rapid ordering



10,000

designs a month
(and growing rapidly)

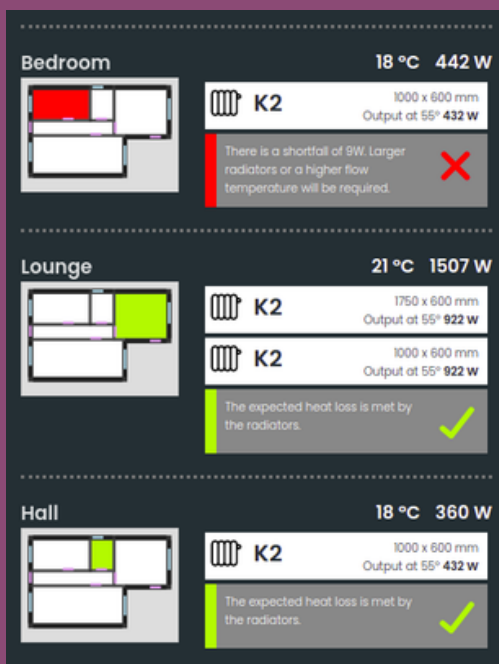
easy-pv.co.uk

HEATPÜNK

We've just released a new tool that allows installers to survey properties and design heat pump systems.

Building on the web technology we used to create the roof editor for Easy-PV, we've created a floorplan editor that makes it extremely easy to draw a house to scale and undertake detailed room-by-room heat loss calculations.

The software automatically selects the optimum heat pump and shows which rooms may need upgraded radiators to work at the relatively low flow temperatures that a heat pump produces.



Heat pumps are the future of heating. They will be shortly required for new-build properties - and then a huge retrofit programme needs to take place to replace gas boilers up and down the land.

Policies are gradually being put in place to encourage take-up of heat pumps. We're at the beginning of a transformation - and our software will be a big part of that. There are exciting times ahead!





MIDSUMMER

Delivering tomorrow's energy

Andy Rankin, Founder

A former climate scientist who started a solar company from his off-grid home 15 years ago. Andy likes to build things from scratch, whether that's companies, houses, solar farms, software or freight bikes. Perhaps the only MD in the industry with ultra-running titles under his belt.

Jamie Vaux, Commercial Director

An environmental business enthusiast who went looking for a company to throw his idealism at, Jamie has spent 10 years chasing sales and building the Midsummer team. If he's not frowning at his phone, you'll find him lifting something heavy or cooking.

Lowri Goodyer, Sales Director

A fellow eco-crusader, Lowri heads up UK sales as well as looking after the company's finances - and climbing, surfing, running, snowboarding or gardening when she wants a rest!

Tom Livesey, Operations Director

Tom keeps the wheels of Midsummer turning. From purchasing to logistics and a good dose of technical sales too, his immense product knowledge is only rivalled by his knowledge of craft beers, gourmet recipes and fantasy football tactics.

Leadership Team

