

<b>Job Title:</b>	<b>Full Stack Developer</b>
<b>Hours of work:</b>	35 hours per week (this is a full-time post)
<b>Contract:</b>	6 Month Contract (with the potential to extend)
<b>Salary:</b>	Competitive
<b>Location:</b>	Located in Swansea or Gloucester (with possible UK -wide Travel)

<b>About the project:</b>	<p>The Active Building Centre is an ambitious, high profile, project of national importance.</p> <p>Active Building Centre Ltd, a Government-backed Research and Technology Organisation (RTO), are collaborating with industrial and academic partners to mobilise and deliver applied research, product development, commercial engagement and the realisation of a comprehensive demonstrator portfolio.</p> <p>Our goal is to revolutionise construction through the deployment of active buildings – transforming the energy and construction industry through new innovative building design.</p> <p>Growing from the success of existing Active Buildings we are developing an ambitious portfolio of advanced multi sector demonstrators which are sustainable, perform better, are more comfortable and will significantly contribute to decarbonisation.</p> <p>As part of a highly skilled team looking to transform the energy and construction industry and drive policy change, you will be open to new ideas, bring fresh thinking, and be ready to play your part in delivering the case for Active Buildings.</p>
<b>About the role:</b>	Active Building Centre Ltd. is looking for an experienced Full Stack Developer to join the Engineering team. This is a great opportunity to use your expertise in building front and back end softwares.
<b>Key Responsibilities:</b>	<ul style="list-style-type: none"> <li>- Design, architecture, development and deployment of a cloud platform for data storage and analytics;</li> <li>- Implement well-designed web-based user interfaces;</li> <li>- Coding and QA activities such as code reviewing and unit testing;</li> <li>- Developing front-end platform architecture;</li> <li>- Designing user interfaces on platform;</li> </ul>

	<ul style="list-style-type: none"> <li>- Developing back-end platform applications.</li> <li>- Any other duties as Directed by the Chief Technology Officer of Active Building Centre Ltd. (or their nominated representative).</li> </ul>
<p><b>Person specification:</b></p>	<p><b><u>Essential criteria:</u></b></p> <p><b>Education/Experience:</b></p> <p>Educated to Degree Level in Computer Science, Engineering or related discipline.</p> <p>A minimum of 5 years experience as a Software Engineer / Full Stack Developer.</p> <p><b>Knowledge and Skills:</b></p> <ul style="list-style-type: none"> <li>- Good understanding of software development methodologies, web architecture and toolsets.</li> <li>- Java and Angular/Typescript development experience (Java/Angular 70:30).</li> <li>- Extensive experience with Spring Boot, RESTful/ Swagger APIs, Angular.</li> <li>- Experience in Java, HTML/CSS, JavaScript, and databases (relational and other).</li> <li>- Experience with Kafka, data science, machine learning technologies, Python (ideally Panda/Flask/Django), Bloomberg, Docker and Cloud highly desirable.</li> <li>- Experience of managing databases – relational databases such as MySQL/MariaDB, time series databases such as InfluxDB, NoSQL.</li> <li>- Experience working with the TICK stack (Telegraf/InfluxDB/Chronograf/Kapacitor) to collect, store &amp; analyse data.</li> <li>- Advocate of agile engineering principles with a drive for automation - build/test tools, continuous integration and delivery.</li> <li>- Strong organisational and project management skills.</li> </ul>