



## VACANCY AV25001 – Graduate Mechanical Engineer

**Location:** Lethenty Mill Business Centre, Inverurie, AB51 0HQ

**Job type:** Permanent (37.5 hours per week)

**Contact:** Caroline Roberts, 01467 620692

**Applications:** Online at [www.astrimar.com/careers.aspx](http://www.astrimar.com/careers.aspx), closing date: 28<sup>th</sup> March 2025

Astrimar, an engineering consultancy, provides industry-leading reliability engineering, design, analysis and technology qualification services throughout the whole project life cycle. Our client base includes operators & equipment manufacturers in the oil & gas, utility and offshore wind sectors, and increasingly innovators developing new energy transition technologies. As a result of our growing client portfolio, we are looking for a talented, highly motivated graduate to support our team based in the Aberdeen area.

JOB TITLE	Graduate Mechanical Engineer
<b>RESPONSIBILITY</b>	
<p><b>Working with senior engineers and consultants:</b></p> <ul style="list-style-type: none"> <li>• Deliver engineering tasks including engineering design and analysis of innovative equipment for offshore energy, marine renewables, energy transition and utility sectors.</li> <li>• Collate model details, input data and results into client reports</li> <li>• Supporting analysis of test and performance data for technology qualification and reliability improvement</li> </ul>	
<b>PERSONAL SKILLS</b>	
<p><b>Essential</b></p> <ul style="list-style-type: none"> <li>• Ability to use 3-D CAD software</li> <li>• Excellent numerical and analytical skills, including understanding of, and ability to use Finite Element Analysis software</li> <li>• A proactive and creative approach to tasks and excellent engineering problem solving skills</li> <li>• Proficient use of MS Office</li> <li>• Excellent communication skills both written and oral</li> <li>• Ability to work both independently and as part of a small team with good interpersonal skills</li> <li>• Good organizational and time management skills with the ability to multi-task and prioritise</li> </ul> <p><b>Desirable</b></p> <ul style="list-style-type: none"> <li>• Experience of ANSYS Finite Element Analysis software and 3-D CAD Inventor</li> <li>• Experience of MathCad, MS Project, Power Bi and Power Query</li> <li>• Familiarity with Python, VBA or MATLAB</li> <li>• Awareness of reliability techniques (e.g. FMECA, FTA, ETA, RAM analysis)</li> </ul>	
<b>QUALIFICATIONS/EXPERIENCE</b>	
<p><b>Essential</b></p> <ul style="list-style-type: none"> <li>• First or upper second-class honors degree in Mechanical Engineering or related discipline</li> <li>• Eligibility to work in the UK</li> <li>• Ability to travel to client sites and our other offices both in the UK and overseas</li> </ul> <p><b>Desirable</b></p> <ul style="list-style-type: none"> <li>• MEng/MSc in relevant engineering discipline</li> </ul>	