
Core information

Role title:	Mechatronics Engineer	Remuneration:	£32,000 - £45,000
Working hours:	Full-Time	Start Date:	Flexible
Reports to:	Senior Engineer	Location:	London, E8 4QS

Position and Our Company

ALP Technologies is a London and Boston based company specialised in clean energy solutions. We have won awards and grants for research and development projects for technologies to benefit lower income countries. Our company is designing, prototyping, and testing a state-of-the-art Li-ion battery storage system (M-BRIC) that is the smartest and lowest cost in the world for 2 billion people to access renewable energy.

Click [here](#) to see more about the Mega-BRIC.

Click [here](#) to see more about our mission.

At Alp, we operate with an agile mindset and always tackle problems considering the business case and root cause. We are a small but fun young company, where everyone shares the same drive to provide electricity to rural areas in low-income countries where people need it the most. We believe that technological efforts should be made to address invested in fulfilling basic human needs first before focusing technology efforts on addressing the needs of those in developed nations. You can find us in our office in Hackney Depot, where bars and pubs are not far to enjoy some after work drinks with the team.

Our team is looking to hire an innovative and deadline-driven Mechatronics Engineer to join us. The responsibilities include improving existing mechanical systems, developing new product concepts and prototypes and designing and testing mechanical and electronic systems.

Successful candidates for the position will mainly work on the development of our key product, Mega-BRIC. Mega-BRIC is a battery energy storage system that operates with battery cells of different deterioration levels and different chemistry. This has reduced our dependency on specific battery suppliers.

Bauhaus is at the core of our engineering principles. We always monitor and tailor our technology designs towards customer needs. In practice, we apply Agile workflow and LEAN management to prioritise troubleshooting and task adjustment. Our team is highly responsive and adaptable during project development.

As a start-up company, successful candidates will be involved in consulting and project management. It is very important for candidates to be team players and capable of working autonomously. This is a very exciting time for our company, and we are looking for a driven, passionate individual to help us scale and make a global impact.

We offer a competitive salary to recruit applicants who are like-minded, talented, friendly and committed to deliver diverse tasks for the team.

Requirements

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Qualifications	A minimum of bachelor's degree in engineering. Preferably, the candidate already has mechatronics engineering experience in industry. Keen in Electronics and Mechanical design.
Personality	<ol style="list-style-type: none">1. Committed and core objectives driven2. Willing to work outside the comfort zone, fast learner3. Able to coordinate with colleagues of diverse background4. Able to handle pressure, maintain productivity under stress5. Ready to change priority or adjust goals under Agile framework6. Be reliable and accountable to colleagues and yourself7. Maintain good and professional relationships with colleagues
Knowledge/Skills (Essential)	<ol style="list-style-type: none">1. Good electrical aptitude and knowledge2. Knowledge of both electronic and mechanical equipment3. Excellent problem solving and time management skills4. Strong mathematical, analytical, and creative thinking skills
Knowledge/Skills (Desirable)	<ol style="list-style-type: none">1. Programming language: C++ or related software2. Experience working with Agile and Scrum methodologies3. Knowledge of microcontrollers and control systems4. Proficient in 3D CAD modelling5. Understanding of PCB design and manufacturing

Applicants must be eligible to work in the UK.

To apply, please use our [official website](#) for more information about the company and the role.