



Electrochemical/ Mechanical engineer - Full time

Full time position starting ASAP, based in Paris, France. Apply [here](#)

Job Title: Research Engineer – Electrochemistry / Energy storage

About The Company

Marble is a climate tech venture studio. Our mission: bring the world at least one gigaton closer to net zero and create a future that thrives.

We partner with scientists, engineers and operators to build and scale up unique deeptech startups that slash emissions, remove carbon and cool the planet.

This role is for a new stealth company created by Marble which uses cutting edge electrochemistry and advanced energy storage technologies for CO2 direct air capture, with a total impact potential in the multi gigaton scale.

About The Role

We are looking for a mission-driven and experienced **engineer/ mechanical engineer**, specialised in electrochemistry and energy storage, to build the first fully integrated prototype of a unique technology with a 10x improvement potential on current benchmarks.

As an early hire in a fast-growing company, success means your role will evolve as key team member and mentor for younger colleagues. You will play a central part in our overall technical development, IP strategy, company success, and climate impact.

Location: HQ in Paris - we can sponsor relocation visa if needed

Language: English fluency required. French is not mandatory.

Your Responsibilities will include:

- Co-develop a **full working prototype for a first of a kind technology** with 5-10x improvement on current benchmark in close collaboration with the founding team;
- Calculations, computational modeling, and computer-aided design (CAD) to **design hardware devices**;
- Manage the hardware delivery timeline and success through ideation, **fast prototyping**, design, assembly and deployment;
- **Lead development testing design and implementation**
- Analyse experimental data, coordinate and negotiate component and system level requirements with third parties;
- **Fast-track our technical roadmap** and accelerate our impact.

Ideal Background(s)

We are looking for a candidate with a **MSc or PhD in mechanical/ chemical/ industrial engineering and similar** ranging from **Mid Level to Senior** experience in startup/industrial environment and **hands-on experience** in the development of electrochemical and energy storage devices and technologies, particularly in

batteries systems, supercapacitors, or fuel cells. The ideal candidate will have experience in at least one or several of the following areas:

- **Prototype development:** experience conceiving, designing, and constructing working prototypes, demonstrating experience with CAD and parts fabrication.
- **Scaling experience:** ability to design prototypes with scalability in mind, anticipating challenges and potential solutions for large-scale production;
- Analytical/Scientific programming experience (Python, Matlab, Excel, etc..)
- Experience with at least one commercial FEA or multiphysics simulations package (COMSOL, ANSYS, etc...) and application of thermodynamics, fluid mechanics, and electrochemistry to forecast mass and energy balances for devices at different scales.
- **Experience in climate tech, especially carbon dioxide removal technologies,** is a huge plus.

What We Offer

We are an early stage company building a world-class team, and a game-changing technology based on an ambitious vision, and we are 100% committed to it.

On top of the opportunity to make *REAL* impact in climate fight, we offer:

- Full-time (CDI) contract
- Competitive compensation and equity package based on profile & experiences.
- Benefits: health insurance, meal vouchers, 50% commute refund
- The unique opportunity to join the startup from its inception and play a critical role in its growth.
- A collaborative, dynamic, and stimulating work environment which promotes a rapid learning curve and personal development. We believe that innovation starts with people and that we are all responsible for shaping the future of the company.
- Work ethic and intellectual honesty.
- Working with some of the brightest, most driven individuals you'll meet 😊

How To Apply



Apply [here](#)

We believe that a diverse group of minds is key to solving the climate crisis.

Studies have shown that under-represented candidates are less likely to apply for an opportunity unless they feel they meet every single qualification.

We are committed to building a diverse, inclusive and mission-driven company. If you're excited about Marble but your past experience doesn't align perfectly with what you read on our website, **we encourage you to apply** anyways!