



*BroadBit Batteries Oy is an exciting start-up and the world's leading developer of unique Hi-Energy and Hi-Efficiency batteries and battery components based on plentiful and cheap sodium. Our award-winning, patent-pending energy storage chemistries and structures have improved cost, energy density, safety and sustainability. Successful implementation of our product development will change the world by, for instance, enabling long-range/fast-charging electric cars, economical grid energy storage and even electric airplanes.*

*BroadBit currently employs four full-time visionary entrepreneurs and a number of part-time consultants. Our 400m<sup>2</sup> facilities are located in the dynamic Aalto University campus near Helsinki. We are currently commercializing our technologies based upon our proprietary electrolytes and electrodes. For more information see [www.broadbit.com](http://www.broadbit.com)*

**We are looking for a hands-on, energetic and multi-talented process engineer with strong, practical skills.**

## **Battery Chemistry Development Engineer**

**You will be responsible for** day-to-day, hands-on analysis, development and optimization of our battery chemistry under the direction of our CEO and CTO. Your main focus is to propose and screen modifications to our battery chemistries to increase cycle life, energy and power density and operating temperature range. You will assemble cylindrical and coin battery cells for internal testing and external demoing, make detailed records of all aspects of material screening and component manufacturing processes and identify elements of the battery chemistry and structure that can be improved with the aim of achieving the highest cell performance at the lowest manufacturing cost.

**We are looking for a rigorous and capable full-stack development engineer** who has experience in performing well-controlled, well-documented and well-analyzed design, construction, testing and validation of production processes and products and with understanding, evaluating, and optimizing chemistries and chemical processes. The position requires several years of solid chemistry / chemical engineering experience. In particular,

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experience in the battery/supercap industry and/or electrochemical process industries is valuable.

**As a person** you are highly motivated and enthusiastically entrepreneurial. You are a strategic thinker, hands-on, careful, exact and proactive. Your working style is organized, goal-oriented and supportive. You enjoy working in a key role and making things happen. Excellent tolerance of new and unexpected situations and the ability to manage multi-task projects are your strengths. You have a positive attitude, excellent communication skills and speak fluent English.

**We offer** the opportunity to work in an entrepreneurial company with high growth potential in an exciting and transformational industry. Ours is a cross-cultural, international workplace for talented people who are genuinely interested in developing technologies for the future. You can expect to develop yourself together with us, learn new things and receive honest and constructive feedback on your performance. We offer you a competitive salary and benefits according to your experience. Your achievements will be recognized.

**If you are interested and want more information**, please contact David Brown, CEO at +358 50 344 4204.

**To apply, please send your CV and a brief description of how you fit our needs to [david.brown@broadbit.com](mailto:david.brown@broadbit.com) before September 15, 2018.**