Senior Hardware Electronic Engineer (f/m/d)

Stellenanbieter: ENGIE Mobisol GmbH

**Beschreibung:** ENGIE Mobisol GmbH ist part of Engie SA, a worldwide energy provider with focus on renewable energy. We are a leading global player in decentralized solar electrification and driven by market demand for off-grid solutions beyond lighting, Mobisol designs, distributes and services solar systems, seamlessly integrated with proprietary pay-as-you-go (PAYG) software. By combining the latest high-tech solar hardware with mobile payment technologies, the Berlin-based company ensures affordability through flexible payment plans. ENGIE Mobisol enables rural families and businesses to power a wide range of compatible appliances, such as televisions and stereos, thereby improving people's standard of living and enabling incremental income from new solar-powered businesses. With over 600 employees, ENGIE Mobisol runs its own operations in Tanzania, Kenya, and Rwanda, while providing hardware and software solutions through a growing network of B2B partnerships in another nine countries worldwide.

**Job description**

What this job is about: We are currently looking for a Senior Hardware Electronic Engineer (f/m/d). Your tasks: As Senior Hardware Electronic Engineer (f/m/d) you lead the development project of our next generation solar controller prototype and take over the lead for the development process. You coordinate the HW-development with the Firmware Team and other related stakeholders within your scope and provide guidance and support towards internal and external partners. You develop hardware concepts based on provided specifications with creation of layouts (Eagle) and schematics for digital and analog circuits. You verify hardware through simulation (Spice) and measurements and support actively transfer of a prototype solution into mass-production. Furthermore, you optimize products in terms of costs, environmental impact and life span expectations for existing mass-produced products.

**Your Qualifications:**

- You are an Electronic Engineer with appropriate qualifications and several years of professional experience in the field of renewable energy.
- You have good knowledge of Eagle, Spice, basic skills in Python and GIT, and at least basic understanding in C programming.
- You are familiar with designing micro-controller-based electrical devices containing digital and analog periphery; experience in PWM control, DC-DC converter, MPPT control is a plus.
- You are used to documenting technical projects and ideally have experience in requirements engineering.
- Furthermore, you are pragmatic, flexible and solution-oriented combined with a hands-on mentality.

**Your Perspective:**

- Our promise: you get enough creative space for your ideas combined with short decision paths and direct reporting to the Head of R&D.
- Working conditions: A representative and modern office in the middle of Kreuzberg, Berlin at a company that is now the market leader in its class.
- Personal development: A demanding field of activity and the opportunity to grow with your tasks.
- Team: A team of specialists with excellent know-how in a highly vertically integrated company that is already looking forward to meet you.
- Sustainability: You as an essential part of the business are improving lives for countless families in Africa.

**How to apply:**

Important for us are your skills and your motivation rather than certificates or university degrees. Please apply via our job portal. If you have further questions don’t hesitate to contact: Yvonne Colacchia; Phone: +4930/ 9700 - 2556; email: yvonne.colacchia@plugintheworld.com

Apply now

**Anforderung:**
Einsatzort: 10997 Berlin, Deutschland

Stellenanbieter: ENGIE Mobisol GmbH

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