



Vacancy: software engineer (80-100%)

sun2wheel AG - a recently founded start-up in Switzerland - makes it possible to power your electric vehicle (EV) with your own solar energy and use the battery in your EV to store surplus solar energy for your home or any other building (**V2X**). We are expanding and tailoring our product-line to new markets and we are searching in this capacity for a **seasoned** developer, **starting Sept. 2021 or by agreement**.

The job

You are responsible for a new platform product-line and own it through its development cycle as well as through its first field deployment. The platform coordinates and gathers data from multiple partner-services, which (upon processing) are converted to a coordinated charging (and discharging) of a large EV-fleet. Occasionally, you implement and test missing services at the charger-level and remotely support field installations.

About you

You are a tech-allrounder/wizard with a degree in a technical discipline (EE, CS) from a university of applied science (or similar) and possess good intuition for connected electrical devices (chargers, batteries, etc.) including network configuration. While software development is your main responsibility, you are not shy to troubleshoot/configure installed systems to guarantee reliable operation. The successful candidate ideally demonstrates previous experience (employment, student projects or similar) with backend development & operation for IoT or edge devices. In addition, you understand

- how to transform prototypes/ideas (no matter if they are your own or somebody else's) into state-of-the-art cloud-native applications.
- how to deploy, run and maintain applications in a highly reliable way using version control.
- Go ("Golang") as our *lingua franca* (or are willing to learn and master it) and have good Python knowledge. You know your way around the front-end land when needed! Experience with consuming and establishing secure REST and/or websocket endpoints and handling databases is essential. Experience with time-series databases/analytics is beneficial.
- how to manage yourself, organize meetings, with an entrepreneurial mindset.
- the basic concepts of prosumer systems (decentralized solar production, battery storage, electric mobility and power electronics, basic functioning of the electricity grid) as well as required local network setups.
- English and/or German (fluently). Any other CH languages are welcomed.

What we offer

You can work remotely but value regular f2f meetups in our development Co-Working-Office in Burgdorf (15min from Bern Station) and our hardware-shop in Kriens (LU). We offer a competitive salary / social contribution and the possibility to proactively shape our young start-up to make the vast amount of battery storage in EVs accessible to our customers for a greener and carbon-free future.

Contact

Send your CV, link to GitHub repository to sandro.schopfer@sun2wheel.ch with a few lines explaining why you are exactly the right bet for sun2wheel. We strive to build up a team of diverse individuals: **If you're smart and good at what you do, come as you are!**