

novolto



novolto is a Berlin-based GreenTech company on a mission to democratize the energy transition ("Energiewende"). We build smart, affordable IoT solutions that allow anyone to turn renewable energy into heat, reducing reliance on fossil fuels.

Fullstack Developer IoT (m/f/d)

Code Green. Shape the future of energy.

City: Berlin; Starting date (earliest): At the earliest possible; Remuneration: 19 €/hour

Working field

About Us

We are novolto. Our goal: A renewable energy system. We are decarbonizing heating systems by coupling the electricity and heat sectors (Power-to-Heat). As a stable, well-funded start-up, we offer you a dynamic environment where your code makes a real impact on the climate.

Your Mission

You support our team in bridging the gap between our IoT devices in the heating basement and the cloud. You will further develop our IoT platform, working closely with our Embedded/Firmware team.

- Full Stack Development: You design and implement new features for both frontend and backend.
- IoT & Algorithms: You improve control algorithms and ensure a stable data flow between hardware and the cloud.
- Infrastructure: You gain insights into API design, databases, and the maintenance of our cloud infrastructure.

Requirements

Tech Stack

Backend: Python, PostgreSQL | Frontend: TypeScript, Next.js | IoT: MQTT, websocket | Bonus: CI/Deployment

- Background: You are currently enrolled as a student in Computer Science, Engineering, or a related field.
- Skills: You have gathered first hands-on experience in software development (e.g., through university projects, internships, or side projects). You know your way around Python or JavaScript/TypeScript.
- Mindset: You work in a structured way and are motivated to dive deep into the energy-related mechanics of our systems.

What we offer

- Purpose & Impact: Actively help build the energy transition.
- Salary & Mobility: Competitive hourly wage.
- Flexibility: Flexible working hours that fit your lecture schedule - especially during exam periods - and home office options.
- Location: Our office in Reuchlinstraße (Berlin-Moabit) has great transport connections, restaurants and is just a short bike ride from the TU Campus.

Application

Interested? Forget long cover letters. Simply send us your CV, GitHub link, or portfolio to: jobs@novolto.de

More information at <https://stellenticket.de/200116/BEUTH/>
Offer visible until 26/01/26

