



## IoT Cloud & Backend Engineer (m/f/d)

Our vision is to enable everyone to live independently and safely in their own household into old age. Therefore, we develop the next generation of ambient assisted living algorithms that analyze consumption data for water and electricity to detect dangerous situations in elderly homes.

### **Your Role:**

As one of the first employees, you shape our cloud infrastructure and how our IoT components communicate with it. You address the difficult technical challenges to ensure fail-safe and adaptive transmission and processing of sensor data while we scale to thousands of users. In addition, there are many opportunities to shape the entire start-up, including strategic and operational development.

How you can contribute:

- Take responsibility for the development, operation, and maintenance of our cloud infrastructure and data communication to ensure successful scaling - from sensors to the cloud
- Take our data transmission and processing between the homes and our Azure cloud to the next level based on edge computing on our Veli hardware
- Develop tools for the configuration and monitoring of our servers
- Design and implement the system architecture with a focus on scalability and IT security for edge computing systems
- Develop our alarm management including database concepts and the notification interfaces to customers and partners
- Work in close coordination with our embedded systems developers, paying particular attention to our scalability and IT security challenges

### **Your Profile:**

- Familiar with Linux servers and experience in secure and stable connectivity and management of IoT devices with cloud systems
  - Curious problem solver who enjoys developing innovative and elegant solutions
  - Independent, structured and proactive approach to work
  - Knowledge of cloud-based software development (Azure DevOps, Git, CI) and operating cloud server landscapes (Docker, Kubernetes) advantageous
  - Knowledge/experience in embedded hardware development advantageous
-



### **Our Offer:**

- We are an ambitious and creative team with diverse background and experience
- An active role in solving technical challenges hands-on and with a high impact on our product and customers
- You find many opportunities and creative freedom to contribute your own ideas
- Attractive offices in the heart of the campus of the University of Kassel
- Choose between working at our main office in Kassel or in Munich
- Flexible working hours and home office possible
- Possibility to pursue a PhD as part of our close cooperation with the Department of Sustainable Products and Processes
- Full-time position in the public service at the University of Kassel according to TV-H | E 13, with a transfer to the company after founding

### **About Us:**

We are a start-up in the pre-founding phase at the University of Kassel. Since early 2018, we are combining our expertise in sensors and data analytics to improve the quality of life for the elderly. We support people in need of help by detecting dangerous situations in their homes based on their current water and electricity consumption data. Recently, we extended our software team towards Munich, generating additional drive in the heart of the tech-startup community.

Find further information about Veli on our website: [www.veli-care.de](http://www.veli-care.de)

Join us on our journey!

Reach out to us with a short introduction of yourself and your CV:

Dr.-Ing. Jan-Peter Seevers [jan-peter.seevers@veli-care.de](mailto:jan-peter.seevers@veli-care.de) +49 561 804 1842

---