



## **Staff Engineer, Embedded Software Development – Radar BU**

### **Who we are:**

Symeo GmbH, as part of Indie Semiconductor Inc., is a developer and manufacturer of innovative radar devices for the industry and automotive. We combine radar high-frequency technology and communication to make existing technology better and enable new applications in the first place. Nationally and internationally, we work closely with original equipment manufacturers, system integrators and technology partners.

### **Job description:**

Do you enjoy working in a creative fast-growing entrepreneurial environment? With Symeo GmbH, as part of Indie Semiconductor Inc., you'll never walk alone! We place high value on our teams and pursue excellence for our employees and customers!

Indie Semiconductor is a fabless semiconductor company specializing in the design of innovative mixed-signal System-on-Chip (SoC) solutions for automotive applications.

We are seeking a staff engineer in embedded SW development to join our automotive radar systems team. This position will be responsible for generating the Radar MMIC API in C under a Linux system. This involves deriving the right register settings for different modes of operation from the required measurements and functionalities. The API is a key software piece for both internal evaluation and external customer support via the Apps team.

You will participate in the evaluation and test of the MMIC and support the relevant functionalities. In an agile development environment, you will be part of striving towards best performance and stability of our software. As part of a cross-functional development team, you will work closely together with the Radar IC design team, the apps team, and the system experts in the group.

### **Job responsibilities:**

- Work on embedded driver development for Radar MMICs and generate the API for the MMIC.
- Support the application team SW development for GUI and user software within the embedded API.
- Work on clock cycle precision device control throughout the system.

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- Contribute to automated unit tests (SIL and HIL) with the driver.
  - Support measurement and evaluation setups.

**Job requirements:**

With us, you must love being part of an organization where everyone makes a difference and contributes to the company's success. Creativity, Ownership and Excellence are what we value.

These are the skills and know how an ideal candidate would bring. We understand that nobody is perfect! After all, your new job should challenge you and you should have the possibilities to grow.

- BSc or equivalent and 1-3+ years of experience in requirements management
- Significant experience in using C, C++, and Python.
- Familiar with tools for architecting software as well as analysis tool for debugging, profiling, and tracing.
- Solid Linux background.
- Experience with continuous integration and delivery tools (e.g., Git, Jenkins, JIRA or Gerrit) is a plus.
- Fluent English written and verbal communication skills; knowledge of German is a plus.
- Some travel will be required, including international.

**Benefits and additional services:**

- Flexible working hours
- Competitive salary package with additional bonus scheme
- Excellent opportunities for advancement
- Employee stock programs
- Pension and life insurance

Join our fast-growing team and experience an open work culture, strong team spirit and unique atmosphere. Our international network of development sites helps to shape the future automotive sensor and perception markets.

We look forward to receiving your application. Contact: [career@symeo.com](mailto:career@symeo.com)