

# Welcome to Germany

ZAV – Baden-Wuerttemberg International Personnel Service



GD Bildung und Kultur  
Programm für lebenslanges Lernen



**Bundesagentur für Arbeit**  
Zentrale Auslands-  
und Fachvermittlung (ZAV)

The International Placement Service (Zentrale Auslands- und Fachvermittlung, ZAV), a department of the Federal Employment Agency in cooperation with EURES, recruits and supports employees from abroad interested in taking up employment in Baden-Wuerttemberg. Baden-Wuerttemberg is situated in the south-west of Germany and is home to several world-leading companies. However, the region's economic development depends to a large extent on the performance and competitiveness of small and medium-sized enterprises. The labor market is stable and the demand for specialists and high qualified persons is high.

To complement our team, we are looking at the earliest possible date for a(n):

## **Hardware engineer - automotive electronics Engineer - electrical engineering (m/f)**

Our customer is an internationally operating tier-1 system supplier for automobile and engine manufacturers. In the light of constantly sharpened consumption and exhaust gas legislation, we have been developing and manufacturing emission-reducing components and systems for combustion engine and alternative drives for over 25 years. Our main focus is on control devices and air-ducting and exhaust gas-relevant parts.

### **Your tasks:**

You are part of a development team and responsible for developing control devices for the automotive and commercial vehicle sector. With the help of a modern tool chain, you will run through the complete product creation process from the customer's idea to series maturity. In this context, you will in particular be responsible for hardware development of control devices with the following sub-tasks:

- Analysing system requirements and deriving the e/e architecture
- Creating circuit diagrams and layouts of controls
- Creating simulations and performing verification tests

Zentrale Auslands- und Fachvermittlung (ZAV) · Bahnhofstraße 29 · 70372 Stuttgart · Germany

Phone: +49 711/920 3282 · E-mail: [zav-ips-baden-wuerttemberg@arbeitsagentur.de](mailto:zav-ips-baden-wuerttemberg@arbeitsagentur.de)

[www.zav.de](http://www.zav.de)

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- Creating mechatronic concepts for cooling and integration into the housing
- Delivering and releasing the production documents for manufacture

## Your profile:

- University degree in electronics, electrical engineering, mechatronics or similar qualification
- Solid knowledge of electronic parts and circuit techniques
- Ideally professional experience in hardware design of control devices, EMC and environmental testing
- Ideally automotive bus systems skills (CAN, Flexray, Ethernet)
- Ideally experience in the use of the Altium Designer development tool
- Target-oriented and independent way of working, ability to work under pressure and flexibility, strong ability to work in a team and good communication skills
- Good German and English language skills (B2)

## What we offer:

- Thorough and comprehensive induction in an experienced team
- Diversified and challenging work with future perspectives
- Performance-related pay and attractive working hours in a fascinating working environment
- After the trial period transition into permanent employment
- Employer will help with finding an apartment
- Assistance with integration in the company (by means of language courses, if necessary)

Start: immediately

Are you interested?

Then please send your application documents in German (or English) to:

[zav-ips-baden-wuerttemberg@arbeitsagentur.de](mailto:zav-ips-baden-wuerttemberg@arbeitsagentur.de)

Reference number: 10000-1138173190-S

Location of the job: Mühlhausen im Täle (Baden-Wuerttemberg)

If you have any questions, please feel free to contact us.

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