



PR/087387 | Application Engineer / Custom Solutions Engineer(m / f / d)

## Job Information

### Recruiter

JAC Recruitment Germany

### Job ID

1580457

### Industry

Electronics, Semiconductor

### Job Type

Permanent Full-time

### Location

Germany

### Salary

Negotiable, based on experience

### Refreshed

April 14th, 2026 03:00

## General Requirements

### Minimum Experience Level

Over 3 years

### Career Level

Mid Career

### Minimum English Level

Fluent

### Minimum Japanese Level

None

### Minimum Education Level

Associate Degree/Diploma

### Visa Status

No permission to work in Japan required

## Job Description

### Company and Job Overview

A Japanese company that specializes in the development, manufacture, sale, and export of automation machinery, pneumatic control components, pneumatic auxiliary components, and fluid control components.

The company is looking for an Application Engineer / Custom Solutions Engineer(m/f/d)– Semiconductor Equipment Components to strengthen our ability to propose customized component solutions to semiconductor equipment manufacturers.

The engineer will work closely with Sales, joining customer visits and translating technical needs into concrete specifications, designs, and proposals.

### Job Responsibilities

#### Key Missions (first 12 months)

- Lead requirement gathering and technical discussions with strategic accounts.

- Create concept designs and propose optimized or custom solutions based on customer needs.
- Build and standardize technical comparison materials and value-proposition documents.
- Drive technical communication across internal engineering, production, and quality teams.

#### Main Responsibilities

- Conduct technical interviews with customers (environmental conditions, performance requirements, lifetime, TCO, etc.).
- Develop concept or basic designs for customized components.
- Prepare evaluation plans, coordinate prototypes, and analyze performance results.
- Support failure analysis (RCA) and lead improvement actions.
- Join customer visits with Sales and support the full proposal cycle.
- Establish and maintain technical documentation, standard design checklists, and guidelines.

#### Job Requirements

##### Must-have

- Engineering background in mechanical, electrical, mechatronics, or related fields.
- Experience in concept/baseline design or customization of components or modules.
- Customer-facing experience (technical discussions, requirement definition, proposal support).
- Ability to communicate technical information effectively in English.

##### Preferred Qualifications

- Experience in semiconductor equipment components (vacuum, fluid control, actuators, sensors, etc.).
- Proficiency in 3D CAD tools (e.g., SolidWorks, Inventor).
- Experience with reliability testing, FMEA, or failure analysis.
- German language skills.

Apply online for more information about this opportunity. Due to the high volume of applicants, we regret to inform that only shortlisted candidates will be notified. Thank you for your understanding.

**Notice:** By submitting an application for this position, you acknowledge and consent to the disclosure of your personal information to the Privacy Policy and Terms and Conditions, for the purpose of recruitment and candidate evaluation.

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