8964 11569 Development engineer (f/m/d) hardware failsafe I/O modules Develop what is important tomorrow. We at DI Factory Automation are innovation leaders in automation. With a comprehensive range of high-performance industrial products and software and consistently integrated automation technologies, we support manufacturing companies in increasing flexibility and efficiency in their manufacturing processes and enabling new products to enter the market faster.  
We realize what counts.  
- Become part of the product development of fail-safe modules for programmable logic controllers (PLC) and find the best solution taking into account objectives, environmental conditions and suitability for large-scale production.  
- As part of the team, you will develop sustainable concepts, boldly bring in new ideas and ensure their sustainable feasibility.  
- In addition to your work in electronics hardware design, you will take care of the layout, organize the prototyping and work closely with the firmware development and take over the commissioning.  
- You implement tests accompanying development, supervise type testing and transfer the products to production.  
- In all development phases you take into account the requirements of functional safety and are also responsible for the implementation of the cFMEDA on electronic circuits.  
- You are aware of the importance of proper documentation of all development steps, including worst-case analyses.  
- In close cooperation with SCM (Supply Chain Management) and Customer Service, you also support the care of the products that are currently being delivered.  
  
  
Use your skills to move the world forward.  
- The basis of your success is a degree in information technology, communications technology, communications engineering, automation technology, electrical engineering or comparable training.  
- You already have initial professional experience in circuit design for digital and analog technology, controller applications, onboard power supplies including dimensioning and simulation.  
- You know how to design and implement assemblies and PCB layouts including signal integrity and EMC-compliant design.  
- You are familiar with the handling of measurement technology (e.g. oscilloscopes, signal generators, etc.).  
- You have the skills to build and repair patterns.  
- You have an understanding of the need for functional safety and would like to further develop and apply your knowledge in this area. Ideally, you already have knowledge of the relevant standards such as IEC 61508, ISO 13849, IEC 62061 and their implementation in hardware design.  
- You use PC-based tools (office applications, circuit diagram input, database systems, simulation programs) reliably and efficiently.  
- If you also have experience in hardware-related firmware development and knowledge of the function of programmable logic controllers and their programming, you meet our ideal requirements.  
  
  
You match us if:  
- You have a passion for technology and you keep up to date with trends in your field.  
- As a team player, cooperation is important to you, but you also work independently.  
- You work with passion and diligence and communicate confidently in German and English.  
- You continuously expand your knowledge through a high willingness to learn  
  
  
What we offer.  
- Mobile working 2 to 3 days a week as a future global standard  
- Appealing remuneration package  
- Training opportunities for both your professional and personal development  
- A working environment in which everyone can contribute their entire personality and feel part of Siemens  
- Access to employee share plans  
- And many more benefits here  
  
The individual benefits are each tailored to local legal requirements, specifications for various job profiles and locations, and individual preferences.  
We want you to: apply!  
We value equal opportunities and welcome applications from people with disabilities.  
https://new.siemens.com/ - if you want more information about jobs & careers at Siemens.  
FAQ - if you have a question about applying to Siemens. Computer scientist (university) We create what others dream of  
Curiosity, passion, creativity - there are characteristics that apply to everyone who works at Siemens. And when 385,000 of those people work together, the results become extraordinary.  
We analyze, ask questions, find solutions, test and refine. From sketches on café napkins to 3D printed prototypes, we believe brilliant ideas can come from anywhere. Our employees drive their projects forward with passion. We develop and patent more than 7,500 inventions every year all over the world. 2023-03-07 16:08:55.456000