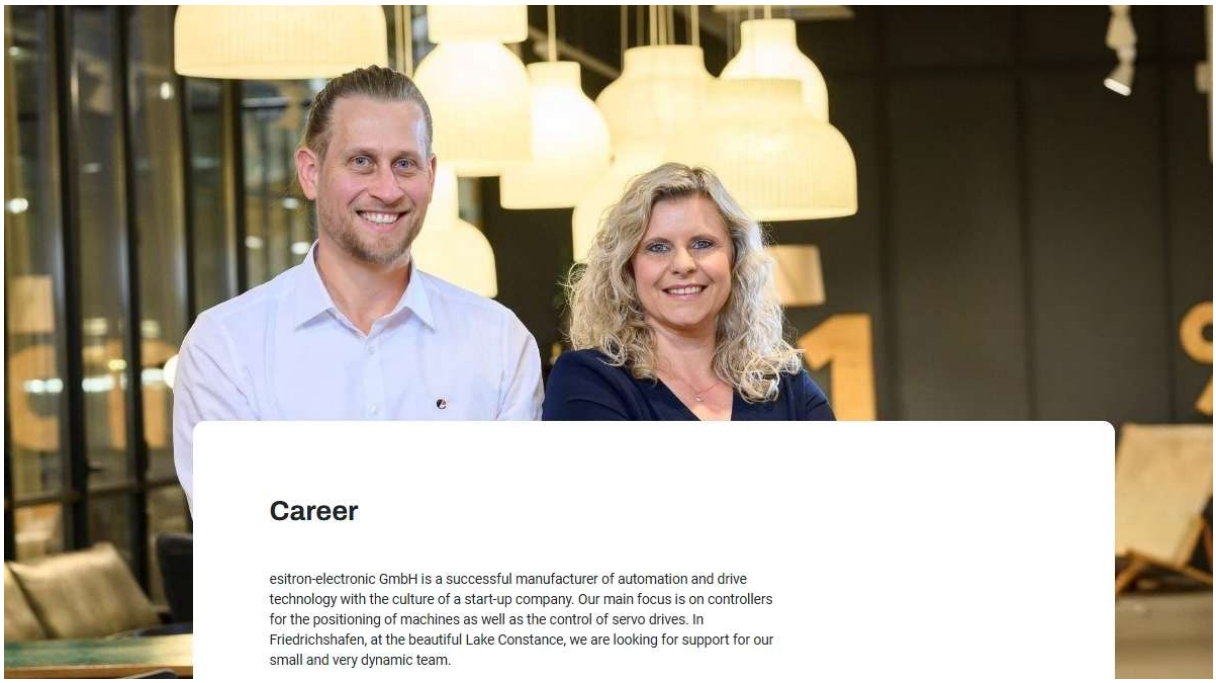
esitron: Drive Technology and Automation Solutions
with more than 35 years of experience!

your idea - our solution



JOB:
Full-time, permanent position, to begin as soon as possible

Senior Hardware Development Engineer for Power Electronics (m/f/d)

As a **Hardware Developer (m/f/d)** at **esitron**, you'll be part of a motivated team and have the opportunity to apply and further develop your skills and knowledge in an innovative work environment. Location: **Friedrichshafen** (**Empfingen** is also an option)

Your future responsibilities:

- Development of electronic components in the field of industrial control technology
- Creation of EMC-compliant circuit and layout designs
- Supporting the development process from concept to series production, as well as overseeing further improvements and modifications during series production
- Conducting functional and performance tests
- Simulation and development of digital and analog circuits
- Coordinating risk analyses, decision-making documents, and technical statements
- Development of electronic components for industrial control systems
- Creation of EMC-compliant circuit and layout designs
- Supporting the development process from concept to production readiness, as well as overseeing further improvements and modifications during production

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- Conducting functional and performance tests
- Simulation and development of digital and analog circuits
- Coordination of risk analyses, decision-making documents, and technical opinions
- Interface coordination with related departments such as software and mechanical engineering
- Technical leadership of hardware design for future products
- Point of contact for development issues with suppliers, customers, and functional departments

Your Profile:

- Bachelor's degree in electrical engineering or comparable qualifications
- Several years of professional experience in hardware development, preferably in control and automation technology
- Knowledge of power electronic circuits and layout design
- Practical experience with simulation and layout software, such as Altium, Eagle PCB, or PLECS, is a plus
- Experience working with standards, e.g., EMC, electrical safety
- Experience with IGBT, Si/SiC, and GaN MOSFET technology
- Knowledge of CE and UL requirements is a plus

Here's what you can look forward to:

- First and foremost, a job you'll enjoy!
- We offer an environment where employees can grow both personally and as part of a team.
- We're a small, well-established company and offer you the freedom to take initiative, shape work processes, and contribute your own ideas.
- You'll have a work-time account and can take compensatory time off for overtime.
- Your employment contract will be permanent, and we can offer you the option to work remotely.
- 30 days of vacation
- Health programs
- Company events
- Company parking
- We offer a wide range of professional development opportunities.
- Attractive recreational opportunities—you can work in a region where others go on vacation.
- Free drinks

Are you interested and convinced of the future opportunities we offer?

Then send your application materials via email to personal@esitron.de

Contact:

Management: Mr. Raiser
Human Resources & Administration: Mrs. Merk