

Founded in India in 1995, Suzlon is today among the globally leading manufacturers of wind turbines. Our wind turbines stand for ecological energy generation and high economic efficiency.

Our corporate communication is open, transparent, respectful and characterised by trust and cooperativeness. Do you want to work flexibly and self-motivated and continue your personal development? If yes, Suzlon is the right employer for you!

Controls Engineer (m/f/d)

Ref. 551

Our team in **Rostock** is looking for a new colleague!

Your Tasks:

- Design and implement control algorithms for wind turbine systems using MATLAB/Simulink
- Develop and evaluate innovative control approaches in simulation and practice
- Ensure seamless programmatical integration of control systems
- Analyse dynamic system behaviour and validate controller performance
- Perform comprehensive data analysis of control systems and identify optimization opportunities of the controller focusing on stability, efficiency, and safety
- Collaborate with cross-functional team to ensure integration of control systems
- Support software development for control systems, including debugging, testing and documentation

Your Profile:

- You have a degree (Dipl.-Ing. or Master) in Controls / Automation / Software Engineering or comparable
- Professional experience (min. 3 years at best), ideally within the wind industry or renewable energy sector
- You combine theoretical knowledge of controls theory and signal processing with practical simulation tool skills (e.g. MATLAB/Simulink)
- Experience in PLC-programming and C would be beneficial
- The ability to interpret and leverage large datasets for performance optimization lies in your nature
- The latest ISO 9001 and 14001 standards and their requirements are part of your bedtime-routine
- You are a communicative and innovative personality with a proactive way of thinking and acting
- Good written and spoken English skills to perform in a cross-cultural working environment

You will have the opportunity to drive forward innovative projects in a future-oriented company and contribute to the energy transition. In addition to an attractive salary, we offer you flexible working hours, a flextime account and working from home options. If the above skills and experience suit you, then we look forward to getting to know you. Please send us your application with the **reference number (551)** to seg_hr@suzlon.com