



Product Development Specialist for Optical Transmission Systems and Applications

VPIphotonics, a premier provider of professional simulation software and design services for transmission systems, integrated photonics, optoelectronics, and fiber optics, offers several positions in **Berlin, Germany**. Our worldwide customer base targets applications in telecom, datacom, sensing, and signal processing applications.

To enhance our team, we seek the talents of *Software Product Engineers at all experience levels to work in our Technical Services & Specifications team, focusing on optical transmission systems and related applications.*

Work Responsibilities

Successful candidates will provide and drive technical leadership and software development support for VPIphotonics products and services. Responsibilities will include:

- Software development process support, incl. specifications, prototyping, testing, applications
- Technical application engineering support in relevant specification areas
- Contribution to externally funded R&D projects
- Co-publication of scientific and engineering results at conferences and journals

Skills and Experience

- A master's degree in electrical engineering, computer science, or physics is mandatory. A Ph.D. degree and significant relevant professional experience would be a plus.
- A good understanding of optical telecom/datacom concepts and the underlying fiber-optic, optoelectronic, and digital signal processing technologies is required.
- Solid programming experience in Python (or Matlab) is required, in C/C++ is highly preferred.
- *Experience with VPIphotonics design tools is highly preferred.*
- Experience in professional software development processes is a plus.
- Practical experience in a lab or the field with telecom/datacom equipment is a plus.
- Fluency in English is required; knowledge of German is a plus.

Further, we envision that the successful candidate will have

- Strong analytical and problem-solving abilities
- Excellent presentation and communication skills
- Self-motivation, ability to conduct independent research and development
- Solid people skills, ability to lead and work in a team

Join our team to work alongside global equipment manufacturers, service providers, and research institutes. VPIphotonics will provide comprehensive product training, flexible work hours, occasional travels, and an exciting and rewarding international career path to successful candidates. *We can consider only candidates with a valid EU Work Permit.*

Salary will be negotiated depending on the candidates' qualifications and experience. If you want to be considered, please send your resume to jobs.GmbH@VPIphotonics.com.

About VPIphotonics

VPIphotonics sets the industry standard for end-to-end photonic design automation comprising design, analysis, and optimization of components, systems and networks. We provide professional simulation software and professional consulting services. Our award-winning solutions are used extensively in research and development and by product design and marketing teams at hundreds of corporations and 160 academic institutions worldwide. More information: www.VPIphotonics.com