



## Hardware Development and Integration (w/m/d)

Nokia is a global leader in the technologies that connect people and things. With state-of-the-art software, hardware and services for any type of network, Nokia is uniquely positioned to help communication service providers, governments, and large enterprises deliver on the promise of 5G, the Cloud and the Internet of Things. Serving customers in over 100 countries, our research scientists and engineers continue to invent and accelerate new technologies that will increasingly transform the way people and things communicate and connect.

We are looking for highly motivated people with a solid technical understanding to shape the future of optical data transmission.

### Main Activities:

- Develop hardware applications from conception to testing
- Cover the following aspects: system architecture, mechanics, electronic cards, programmable components, power distribution
- Create hardware specifications
- Design architecture of electronic cards
- Draw up schemes of electronic cards
- Integrate pluggable optical components (b/w, coherent) up to 800 Gb/s on boards
- Perform unitary tests
- Perform environmental, esd and emc tests
- Perform hardware validation in system environment
- Perform Compliance test
- Maintain and enhance test automation environment

### Skills & Competencies:

- Master, Bachelor in Electrical Engineering
- Expertise in
  - digital and analog electrical design
  - high speed signal transmission
  - electrical design and layout tools
  - scripting languages
  - high speed signal probing and post processing instruments
- Microsoft Office
- Good communication skills
- English and German fluently spoken and written
- Strong interest in collaboration with internal and external partners
- Ability to work independently and self-organized
- High personal flexibility to provide high quality results in challenging environment

You will work as a member of the hardware development team in our Optics R&D Center on the Air Campus in Nuremberg. We offer a supportive and innovative work environment, space for individual thinking and creativity, encouraging atmosphere, flexible working time with home office opportunity, competence development and career opportunities, sports and leisure time activities.

**You can apply** directly via QR code or visit our career portal

<https://careers.nokia.com/jobs/junior-hardware-designer-for-hw-development-and-integration-66058>

Please apply with your CV and certificates in English or German.



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