

Software Architect (all genders)

SaxonQ is a unique deep-tech startup company founded in 2021 using internationally patented technology to bring room temperature, mobile quantum computers to market. Our mobile quantum computers are based on NV (nitrogen-vacancy) centers in diamond. Please find further information at www.saxonq.com.

Small. Mobile. Energy Efficient. We bring quantum computing to the desktop.

SaxonQ Headquarters are located in Leipzig, Germany, in the free state of Saxony. Our leaders hail from the University of Leipzig, the cradle of solid-state quantum mechanics founded by Werner Heisenberg and Felix Bloch in 1920's. The team of internationally renowned physicists has researched NV centers in diamond and wide-gap semiconductors for over 20 years and works with patented technology to develop the full quantum computing stack. Research and development funding comes from top European agencies and companies in various sectors.

Are you ready to be part of revolutionizing the development and manufacturing of our future quantum computers? The SaxonQ approach is unique and we are excited about making a difference in this fast growing field. If you have the same drive – join us and become part of our amazing journey!

As a Software Architect, you can expect to play an integral role, partnering with our quantum computing software engineers, in developing and implementing the software architecture of our quantum computer as well as the user interface.

Your overall responsibilities:

- Selecting the best software development platforms and methodologies for building a scalable, automated and future-proof solution
- Design, development, coding, testing and debugging as required for the quantum computer
- Developing scripts and other automation testing routines
- Keeping up to date with the latest developments and innovations in software solutions relevant to the business
- Collaborate with stakeholders inside and outside the software team
- Ensuring all developed software adheres to quality standards with adequate documentation

Your Qualifications:

- Degree in Computer Science, Machine Control Engineering or related field
- 3 years' experience as a Software Developer and/or Software Architect in industry
- Hands-on programming, debugging and testing skills in relevant software languages and environments
- Knowledge of software industry standards
- Extensive experience in developing and integrating software solutions. Experience working with Python, SQL, Git
- Familiarity with frontend technologies (e.g. TypeScript, Angular, React, FastAPI)

- Proficiency in documenting processes
- Beneficial project management experience in managing complex projects.
- Excellent problem-solving, analytical and communication skills in German and English

Talent & professional capabilities:

- You are easily self-motivated and show initiative in gathering input and addressing issues in a timely manner
- You are results-oriented, have a sense of urgency about projects and make the best use of available resources to achieve results
- You can work both independently and as part of the team
- An open-minded mindset and creative as well as critical thinker.
- You know that success is a combination of hard work, solid priorities and high quality
- Strong judgment and decision-making skills enable you to work independently with other team members to achieve results
- Excellent communication skills and you are comfortable interacting with stakeholders

We offer you:

- Full-time position
- Direct start date
- Partly remote work possible
- Flexible working hours
- Company Health Program
- Perspective: Head of Software Development
- Great place to work with a family working atmosphere in the beautiful and livable city of Leipzig
- Highly motivated team
- The opportunity to make a significant contribution to a young and fast growing company
- Opportunities and support to advance yourself personally and professionally
- Working with state-of-the-art, most advanced technologies and highly innovative customer projects
- Interactions with international partners, suppliers, customers

join@saxonq.com

SaxonQ is a unique workplace driven by exceptional, innovative people. Each team member is unique to our company and contributes to building an intelligent, diverse and positive work culture.

We welcome passionate and motivated people (like you!) to help us develop innovative solutions, make impact and be part of an unique, exciting growth journey.

Are you ready to start an exciting journey at SaxonQ?

If you would like to learn more about the position, please contact us.

SaxonQ is an equal opportunity employer and does not permit or condone any form of discrimination, positive or negative, or otherwise, on the basis of race, caste, national origin, religion, disability, gender, sexual orientation, union membership, political affiliation, or age.