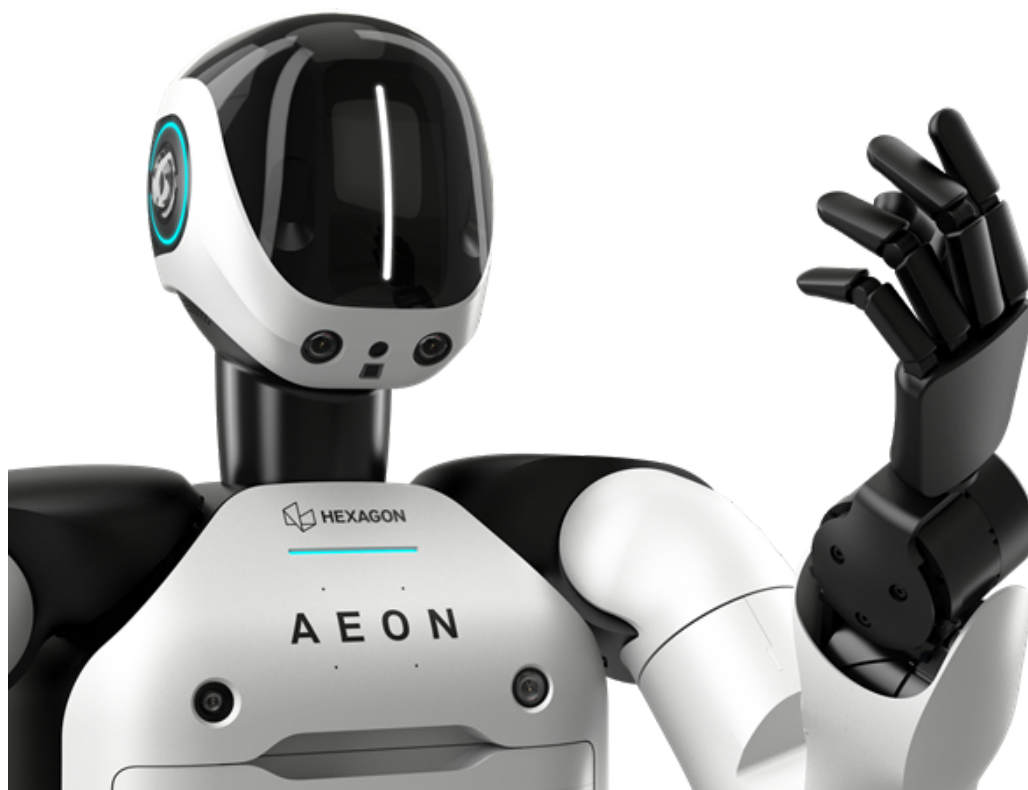




Software Application Architect (f/m/d)

80 -100% Zürich

Hexagon Robotics is a division of Hexagon – a global leader in precision measurement. Established in 2025, Hexagon Robotics develops humanoid robots for industrial sectors to address labor shortages and enable the transition from automation to autonomy. The first humanoid product, AEON, was launched in June 2025 and combines agility, awareness, spatial intelligence and versatility to provide a market-leading solution for automotive, transportation, aerospace, manufacturing, and logistics customers.

We are looking for a **Software Application Architect** who leads the translation of system and software architecture and designs into robust and flexible implementations. As part of the robot software architecture team, you contribute to a common and future oriented software architecture and development environment and ensure the timely and consistent implementation in the different robot software subsystems.

Your Mission

- Own the translation of the defined software architecture and design into flexible software components
- Collaborate closely with implementation teams to convey the software architecture and design principles into the implementation teams

Your Skillset

- Advanced degree in Computer Science or a related field
- Strong background in industrial software architectures, design paradigms and modern technology standards

- Ensure clean, simple, and low-dependency implementations of the defined architecture throughout the development lifecycle
- Collaborate closely with the Build System, DevOps, industrialization and QA teams to gather requirements and needs for a flexible and extensible software architecture
- Keep track of defined interfaces between subsystems to ensure low coupling
Balance implementation complexity with defined timelines
- ~10 years of software engineering experience, ideally in industrial and embedded applications
- Expertise in designing and implementing hard real-time systems
- Solid experience with robotics software stacks and technologies (ROS, motion control, sensor pipelines)
- Proficiency in C++, Python, Bash
- Excellent communication and stakeholder management skills
- Experience with robotics workflows, ML-ready data architectures, functional safety and cyber security is a plus

What You'll Get

- Flexible working hours and a hybrid model for real work-life balance
- Generous vacation: 25–30 days depending on age
- CHF 500 mobility credit for sustainable commuting
- Bonus system & strong pension contributions
- Tailored training & development opportunities
- Relocation support for a smooth start
- Discounts on health, mobility & entertainment
- Team events and a flat hierarchy where your voice counts
- A warm, international culture built on respect and collaboration

Great robots need great people.

Apply Now

Contact

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Hexagon Robotics

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