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Principal System Architect

Redmond, Washington, United States

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Job number	**987566**
Travel	**0-25 %**
Role type	**Individual Contributor**
Profession	**Engineering**
Discipline	**Software Development**
Employment type	**Full-Time**

Overview

The Microsoft Quantum team is redefining what is possible with technology—creating unprecedented possibilities to solve humanity's most complex challenges. Our team combines hardware innovation with software technologies and Azure services to build a scalable quantum computer in an industry-leading quantum ecosystem.

Feedback

Do you have a passion for science and technology? In this role, you are responsible for designing system architecture with a focus on our quantum development platform. You'll be collaborating across various disciplines and driving impact on an architecture that has never been built before.
We are looking for a **Principal System Architect** to join the team.

Qualifications

- BS in Engineering, Computer Science or equivalent experience
- 6+ years of experience in software/firmware and/or product development
- 3+ years experience designing and directing complex architecture that spans multiple technologies
- Experience with embedded system software development, especially at a system architectural level

#Quantum

MICROSOFT BACKGROUND CHECK:
Ability to meet Microsoft, customer and/or government security screening requirements are required for this role. These requirements include, but are not limited to the following specialized security screenings: Microsoft Cloud Background Check: This position will be required to pass the Microsoft Cloud Background Check upon hire/transfer and every two years thereafter.

Responsibilities

- Leading and designing complex architecture of the quantum machine
- Driving cross-group collaboration between hardware & software engineers, partnering closely to create industry-defining breakthroughs
- Driving clarity out of ambiguity in a dynamic, developer environment

Benefits/perks listed below may vary depending on the nature of your employment with Microsoft and the country where you work.

⚕ Industry leading healthcare

🎓 Educational resources

⬨ Discounts on products and services

💵 Savings and investments

👤 Maternity and paternity leave

📆 Generous time away

♡ Giving programs

👥 Opportunities to network and connect

Microsoft is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to age, ancestry, citizenship, color, family or medical care leave, gender identity or expression, genetic information, immigration status, marital status, medical condition, national origin, physical or mental disability, political affiliation, protected veteran or military status, race, ethnicity, religion, sex (including pregnancy), sexual orientation, or any other characteristic protected by applicable local laws, regulations and ordinances. If you need assistance and/or a reasonable accommodation due to a disability during the application process, read more about requesting accommodations.

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