

Turkey Jobs Expertini®

5G/6G Software Development Engineer/Architect

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Company: Siemens Sanayi ve Ticaret Anonim Sirketi

Location: İstanbul

Category: other-general

We are the catalyst for the industrial world's digital transformation.

For more than 35 years, ground breaking technologies and business models engineered and developed by Siemens Turkey R&D department contributes to the global success of Siemens

Our R&D activities focused on the fields of electrification, automation and digitalization, provides end-to-end support to our global customers on their unique digital transformation journey.

We aim to increase our strength on solution and product development with world class SW development experts, with the vision to be the digitalization partner for our global customers.

We need game changers like you, to bring the next level of smart manufacturing and infrastructure from mere concept to reality, develop tomorrow's smart cities, and address the most critical digitalization challenges across a comprehensive range of industries.

What part will you play?

Software development in the area of next generation (5G/6G) wireless/mobile network architectures for private industrial networks,

Software Development and integration in UE, RAN, CN stack layers for end-to-end 5G/6G Applications.

Research, investigation and implementation of new product features for Siemens' industrial

wireless communication portfolio with a focus on next generation industrial mobile communication

Plan and execute experimental work, such as lab experiments, field trials, and pilot projects

Contribute to the software production process; own given features beginning to end, from mockups & design documents/reviews to acceptance testing and deployment.

Test and validate the proof of concepts together with engineering teams and business partners for the best optimal solutions and configurations

Be a part of Software development activities including:

Coding, unit testing and integration

Participating in review process

Taking part in the complete product life-cycle

Produce high quality and innovative deliverables for our customers

Conform to Siemens processes, quality standards and guidelines

What you need to make real what matters.

BSc., MSc. or PhD in Computer Science or in related areas

Very good command of English

Minimum 2-years experience in designing and/or developing software for telecom industry

Excellent knowledge of state-of-the-art wireless communication technologies

Good knowledge of 5G communication stack and infrastructure;

Hands-on programming experience and good knowledge of 5G Protocol Stack; i.e. AMF, SMF, UPF, RLC, MAC, PDCP and UE, RU, DU, CU layers.

Good knowledge of and experience with Open-Source Software Frameworks for UE, O-RAN and CN components, is preferred.

Proven experience in C/C++ and Go (nice to have; Python & Java Script programming skills).

Proven Experience in building container-based solutions using Kubernetes and Docker

Good knowledge of packet core networks and relevant standardizations (3GPP, ETSI, NGMN, 5G PPP, etc.)

Excellent understanding of telecom protocols and industrial communication networks

Willingness to do experimental work and Proof-of-Concept implementation of ideas;

Creative and innovative mind;

Passion for technology and applied research;

Passion for developing simple, clean and attractive code

Strong problem solving and analytical skills

#LI-HYBRID

What we offer

Speak up Culture

Respectful Workplace

Being part of a global work environment

Attractive remuneration package

Excellent recognition tools providing spot awards

Learning & Development opportunities for both personal and professional growth

Leave days for parents and a variety of flexible working models that allow time off for yourself and your family

Creche allowance for mothers

Share matching programs to become a shareholder of Siemens AG

Remote working and remote living flexibility only for relevant positions

Find more benefits

Individual benefits are adapted to meet local legal regulations, the requirements of different job profiles, locations, and individual preferences.

As Siemens we believe physical barriers are not related to potential. Only the potential matters to us. Therefore, we look forward to receive applications of candidates with physical barriers and chronic illnesses. We support healthy relationships between candidates with barriers and their colleagues because we believe we can create differences together.

Siemens is dedicated to quality, equality, and valuing diversity and we welcome applications that reflect the diversity of the communities within which we work. We are looking forward to receiving your online application. Please ensure you complete all areas of the application form to the best of your ability as we will use the data to review your suitability to the role.

Please find more information from our web site:

Contact

If you need more information please don't hesitate to contact us.

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