

Driving decarbonization and digitalization. Together.



Distinguished Engineer, IoT Networking & Software

Job description

You are a hands-on strong technical leader with excellent strategic vision and passion for customer success. Your experience includes at least 20+ years in Development and /or Architecture or Algorithm roles in Wi-Fi, BT, 802.15.4, and Cellular. In this role, you will drive thought leadership and market shaping activities for IoT, Compute, Wireless and Security Technologies and Products. Your ability to identify new Industry inflection points to enable massive scale deployment of IoT devices will be key!

In your new role you will:

- **Drive Thought leadership** activities in Industry Standards and Alliances of relevance to **IoT, Compute, Wireless and Security** Technologies and Products
- **Drive market shaping activities** by preparing strategic standards contributions in the areas of Application layer standards (e.g. Matter), wireless communication protocols, routing and networking protocols and security protocols
- Engage in **Software architecture and software innovation** for upcoming and emerging technologies with a systems mindset
- Track key standards activities and highlight changes of relevance to the business
- Forge relationships internally and externally to drive new ideas and standards initiatives
- **Work with product development teams** in translating the standards specs into feature, implementation and design specs especially including Software Architecture, Make vs Buy analysis, Tools and customer requirements
- Active participation in Standards bodies and Alliances such as Connectivity Standards Alliance, Thread Consortium, FiRA, CCC, Wi-Fi Alliance, BT-SIG and IEEE 802.15.4
- **Drive new technology initiatives** and evangelize the uptake into Standards bodies including Regulatory bodies
- **Identify new Industry inflection points** and drive standards and alliances to enable massive scale deployment of **IoT devices**
- Identify and champion Alliances participation for market segments of relevance to IoT such as **Smart Home, Industrial and Automotive IoT**
- Drive performance, power and Security benchmarks for **ML/AI, Compute and Networking** in consortiums such as EEBMC, tiny ML and Common Criteria
- Develop and file appropriate Patent/IP policy including Standards Essential Patents

At a glance

Location:

Job ID: **HRC0679620**

Start date: **as soon as possible**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0679620**
www.infineon.com/jobs



Profile



You have an energetic, innovative mindset with excellent team work, networking and communication skills.

You are best equipped for this task if you have:

- **Master's degree** (PhD preferred) in Electrical Engineering, Mechanical Engineering, Physics or related field
- Minimum of **20+ years of experience in Development and/or Architecture and/or Algorithm roles in Wi-Fi, BT, 802.15.4, Cellular**
- Experience in **holding leadership positions** in standards bodies (BoD, Chair, Vice-Chair etc.) in the field of IoT, Compute and Wireless Communications/Networking and Security
- Impactful examples of signature **contributions to standards development**
- Demonstrated experience in architecting and/or developing Wireless sub-systems or Software or Networking systems from inception to high-volume production
- Experience in **Wi-Fi (IEEE, Wi-Fi Alliance), BT-SIG, IEEE 802.15.4, Thread/ZigBee, CSA, FIRA, CCC**, etc. standardization processes and specs
- Experience in making standards contributions, attending meetings and forging relationships
- Experience with **Wireless Regulatory bodies and specs (e.g. FCC)**
- Excellent team-work skills, working with a wide cross-functional team and peers
- Excellent documentation, presentation skills to executives
- Excellent skills in listening to various view-points, incorporating them, articulating the value of solution and defending the ideas
- **Strategic vision** to recommend new architectures/avenues from roadmap perspective
- Passion for customer success

Connected Secure Systems (CSS) delivers security for the connected world –

The **Connected Secure Systems (CSS)** segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

[Click here](#) for more information about working at CSS with interesting employee and management insights and an overview with more **#CSSDreamJobs**.

Benefits

- **San Jose, CA:** Medical, Dental & Vision Plans; Flexible Reimbursement Accounts (FSAs); Industry leading 401k Employer Contribution/Match; Company Performance Bonus; Holiday Pay & Paid Time Off (PTO); Flexible Working Conditions, Part-time Options; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Wide range of Training Offers & Career Development Planning; Coaching, Mentoring, Networking Possibilities; International assignments; Basic Life & Dependent Life Insurance; Paid Sick Leave, Accidental Death & Disability Insurance (AD&D) ; Short-term & Long-term Disability ; Employee Assistance Program (EAP) ; Health Promotion Programs ; Reduced Price for Public Transportation



Why Us

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant's experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

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Cypress Semiconductor Corporation, is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, childbirth, or related medical conditions), gender identity, national origin, ancestry, citizenship, age, physical or mental disability, legally protected medical condition, family care status, military or veteran status, marital status, domestic partner status, sexual orientation, or any other basis protected by local, state, or federal laws.

Employment at Infineon is contingent upon proof of your legal right to work in the United States under applicable law, verification of satisfactory references and successful completion of a background check and drug test, and signing all your onboarding documents.

In some instances, if applicable, U.S. export control laws require that Infineon obtain a U.S. government export license prior to releasing technologies to certain persons. This offer is contingent upon Infineon's ability to satisfy these export control laws as related to your employment and anticipated job activities. The decision whether or not to submit and/or pursue an export license to satisfy this contingency, if applicable, shall be at Infineon's sole discretion.

Infineon Technologies takes data privacy and identity theft very seriously. As such, we do not request personally-identifiable information (PII) from applicants over the internet or electronically. Please kindly refrain from disclosing your PII electronically during the application process or to unauthorized websites that may purport to be Infineon or any of our affiliates.

Wage range that the company expects to pay for a qualified candidate:

Minimum of \$260,900 salary per year

Maximum of \$358,700 salary per year

In addition, all employees will be eligible to participate in an incentive plan.

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