



Senior Staff System Architect, IoT Solutions

Job description

As a Senior Staff System Architect, IoT Solutions, you will be a key member of Infineon's Internet of Things, Compute, and Wireless (ICW) business unit and will be responsible for specifying the architecture and technical requirements for vertical applications and solutions. These solutions will demonstrate how Infineon products can be used to deliver differentiating value for IoT use cases. Location: San Jose, CA Will also consider other geographic locations

In your new role you will:

- Define hardware architectures, operating systems and software stacks, and required cloud services. Projects can include proof-of-concept hardware demonstrations, reference designs, and application specific evaluation / development platforms.
- Capture application requirements from key stakeholders including customers, applications marketing, and sales / FAEs.
- Keep up-to-date on the latest IoT trends, standards, and protocols.
- Study and understanding architectural trade-offs
- Define and documenting hardware and software requirements for IoT applications.
- Working closely internal engineering teams as well as external partners such as IP and engineering service partners

Profile

You are best equipped for this task if you have:

- More than 10 years of technical work experience with at least more than 5 years in **IoT application development**.
- Deep technical knowledge of **processor architectures**, analog and digital sub-systems, operating systems, wireless stacks and protocols, cloud middleware, machine learning, and security.
- Excellent skills in listening to various view points, incorporating them, articulating the value of the solution and defending the architectural choices
- Excellent teamwork skills, working across different parts or the organization

At a glance

Location: **San Jose, CA (United States)**
Job ID: **321690**
Start date: **immediately**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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