



Principal Engineer Applications

Job description

Infineon's IoT Compute & Wireless (ICW) business line is looking for a Principal Applications Engineer to lead the whole product development for its microcontroller products. The primary functions of the Principal Applications Engineer is to architect systems - hardware, firmware, and software and get them from requirements phase to the final product shape.

- Be part of a team to define and architect next generation microcontroller devices.
- Work cross-functionally with marketing, customers, and design teams to create suitable product solutions.
- Define and execute on whole product plan for Infineon microcontroller products.
- Develop demos and complete reference designs.
- Create technical collateral such as datasheets, reference manuals, application notes, and guides.
- Author technical articles and white papers to showcase Infineon products and technologies.
- Evaluate new applications and market segments for Embedded systems and perform competitor product tear-downs.
- Train Infineon sales & marketing and customers on new products and solutions.

Profile

- BE/B.Tech in Electronics. M.Tech is preferred.
- Minimum 10 - 13 years technical experience in embedded application development, system architecture, board design/debug/bring-up required
- Must have hands-on experience with exposure to various microcontroller architectures and toolchains
- Knowledge of C programming and RTOS fundamentals
- Exposure to ARM internals would be good
- Experience with wireless technologies like Wi-Fi, Zigbee, Bluetooth etc
- Knowledge of industry standard protocols and interfaces (I2C, UARTs/Bridges, QSPI, SDIO, USB etc.) and exposure to emerging standards and technologies
- Good communication skills and must be a team player to work across cross-functional projects across time-zones and locations
- Should be a roll-up-the sleeves, trouble-shooter with ability to multi-task.

At a glance

Location: **Bangalore (India)**
Job ID: **336618**
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:

Job ID: **336618**
www.infineon.com/jobs

Contact

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Benefits

- **Bangalore:** Coaching, mentoring & networking possibilities ; Wide range of training offers & planning of career development; Regional and local talent programs; International assignments; Career paths: Management career, Project management career, Technical ladder career, Individual contributor career, Professional career; Flexible work timing, Part time work, Work from home; Home office; Health & wellness reimbursement, Employee motivation forum, Spoorthi – Diversity club, Master health check up, Health promotion campaigns; Crèche facility; Annual success bonus; Mediclaim (dependents & top up), Personal accident, Term life; National Pension Scheme; Health promotion programs; Statutory benefits; Access for wheelchairs; On-site canteen; Paid sick leave, long term illness leave; On site Yoga classes, Sports club

Why Us

Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

