



Staff Engineer Applications

Job description

The primary functions of the Applications Engineer Staff is to define, design and complete ownership of embedded systems.

- 1) BE/B.Tech in Electronics. MTech is preferred.
- 2) Minimum 10 - 13 years technical experience in applications, system architecture, board, IC design or embedded controllers required
- 3) Must have hands-on microcontroller experience with exposure to various microcontroller architectures and tool chains
- 4) Analog design or applications experience desired with knowledge of precision analog circuits, ADCs, DACs, Op Amps, Comparators, Power Management ICs etc.
- 5) Sound understanding of logic design concepts; hands on experience with EDA tools and PCB design a strong plus
- 6) Experience with wireless technologies like WiFi, Zigbee, Bluetooth etc
- 7) Knowledge of industry standard protocols and interfaces (I2C, UARTs/Bridges, Audio amps, LED/GPIO/LCD, USB, RTC etc.) and exposure to emerging standards and technologies
- 8) Good communication skills and must be a team player to work across cross-functional projects across time-zones and locations.
- 9) Should be a roll-up-the sleeves, trouble-shooter with ability to multi-task.

Profile

Someone who wants to architect systems - hardware, firmware and software and get them from requirements phase to the final product shape. Other responsibilities include:

- 1) Be part of a team to define and architect next generation Microcontroller and Wi-Fi devices
- 2) Define and execute on whole product plan for Infineon microcontroller and Wi-Fi products
- 3) Develop demos and complete reference designs
- 4) Create technical collateral such as datasheets, reference manuals, application notes and guides
- 5) Author technical articles and white papers to showcase Infineon products and technologies
- 6) Evaluate new applications and market segments for Embedded systems and perform competitor product tear-downs
- 7) Train Infineon sales and marketing and customers on new products and Solutions

Benefits

- **Bangalore:** Coaching, mentoring & networking possibilities ; Wide range of training offers & planning of career development; Regional and local talent

At a glance

Location: **Bangalore (India)**
Job ID: **316220**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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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; Medclaim (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.

