



## Principal Software Engineer

### Job description

As part of Infineon Bluetooth software support team, you will support Infineon's customers on Bluetooth connectivity solutions. We are looking for energetic individuals who are passionate about software and have a desire to shape the industry. The position will be located in San Diego, or Irvine, CA.

#### In your new role you will:

- Provide customer support, design, develop and unit testing of Bluetooth software features
- Work with customers, multi-functional groups, and external companies to develop software solutions
- Work with Feature Owners and Business Owners to understand system requirements
- Work with validation teams to triage issues and assist in communicating status of open issues to management
- Promote teamwork and foster collaboration
- Be involved in all aspects of support, customer feature development, estimation, analysis, design, programming, unit/integration testing and debugging
- Lead as well and participate in new requirements, design, code, and test case reviews

### Profile

#### You are best equipped for this task if you have:

- Bachelor's or Master's degree in Computer Science, Electrical Engineering or related field
- At least 5+ years software programming experience
- Excellent C/C++ programming skills
- Ability to work independently or as a part of a team
- Experience that demonstrates strong technical leadership and problem-solving skills - able to comprehend complex systems and explain these systems to others
- Creativity and initiative as well as a high level of independent judgment - able to deliver quality results with little supervision
- Demonstrated experience in the development of requirements, innovative software high-level and detailed designs, and delivery of production releases
- Very comfortable supporting customers on embedded systems, RTOS, Linux, and /or Windows based operating systems

### At a glance

Location: **Irvine, CA (United States)**  
Job ID: **327143**  
Start date: **immediately**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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[www.infineon.com/jobs](http://www.infineon.com/jobs)



- Familiar with engineering best practices: version control, unit-tests, and continuous integration
- Bluetooth software development and support experience preferred, knowledge of both BR/EDR and BLE (Specification, Profiles, Certification)
- Other software programming experience (Python, Java, Android, mobile apps) desired
- Familiar with using tools such as Debuggers, Logic Analyzers, Bluetooth analyzers, Oscilloscope
- Debugging communication interfaces such as SPI, UART, i2s, PCM

