



## Principal Engineer

### Job description

We are looking for Principal Engineer who can deploy AI and ML applications on Infineon next generation hardware.

- Deploy AI and ML applications on Infineon next generation hardware.
- Understand customer requirements, analyze competitive products, ideate to solve design challenges.
- Provide Design proposals and technical definitions for Firmware, Middleware, and Hardware blocks
- Work cross-functionally with Marketing, Customers, and Design teams to create suitable product solutions
- Create technical articles, Application notes and represent tradeshows and external forums
- Enable Design-in projects using Infineon's IoT portfolio and produce system-level content
- Technical training for external customers and Infineon Sales, Marketing, and Applications
- Initiate and drive creative end solutions using product's capabilities and feature set
- Knowledge of Audio processing, sensor data processing will have added value.

### Profile

- Exposure to ML algorithms and Frameworks (Tensorflow, Keras)
- Sound understanding of Embedded Systems, Microcontrollers, RTOS.
- Knowledge of C programming and OS fundamentals.
- Exposure to solving challenges in resource constrained systems (Memory, Cycles).
- Strong verbal and written communication skills.
- Ability to solve and root-cause complex multi-level engineering problems
- Good communication skills and mindset of teamwork.
- Must be passionate to learn new technologies and work in a fast-paced environment.
- Prior experience with customer interface is an advantage
- Education Requirements - B.Tech, M.Tech

### At a glance

---

Location: **Bangalore (India)**  
Job ID: **333495**  
Start date: **immediately**  
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: **333495**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

---

[Hains.Henrita@infineon.com](mailto:Hains.Henrita@infineon.com)

