



PR/110195 | Application Engineer

Job Information

Recruiter

JAC Recruitment India

Job ID

1584312

Industry

Other (Trade)

Job Type

Permanent Full-time

Location

India

Salary

Negotiable, based on experience

Refreshed

June 9th, 2026 07:00

General Requirements

Minimum Experience Level

Over 1 year

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Overview

Join as an Application Engineer and serve as the technical bridge between advanced wireless technologies and customer products. In this role, you will support customers in integrating communication modules and sensors—such as Wi-Fi, Bluetooth, LPWAN, UWB, and Radar—into their designs. You will provide hands-on technical guidance, build demos and proof-of-concepts, and contribute to solutions that highlight the capabilities of our wireless portfolio.

Key Responsibilities Technical Enablement

- Support customers in integrating wireless modules (Wi-Fi, Bluetooth, LPWAN, UWB, Radar, C-V2X).
- Perform board bring-up and troubleshoot hardware/software issues.
- Develop technical documentation such as application notes, user guides, and reference designs.
- Assist in product certifications (FCC, CE).
- Work with Linux-based platforms, including Yocto builds and device tree configurations.
- Develop demos and proof-of-concepts for customer engagements and events.
- Benchmark module performance (throughput, power consumption, range).

Solution Development

- Build end-to-end solutions using wireless communication modules and sensors.
- Drive solutions from proof-of-concept to production-ready maturity.
- Evaluate and collaborate with external partners such as labs, startups, and research institutions.

Cross-Functional Collaboration

- Work closely with internal engineering teams to translate customer requirements into robust implementations.
- Partner with sales teams to support customers from onboarding to mass production.
- Maintain strong relationships with ecosystem partners to co-develop and validate solutions.

Qualifications

- B.E./B.Tech with 2–3 years of experience, or
- M.E./M.Tech with 1–2 years of experience in Electronics or related fields.

Required Experience & Skills

- 1–3 years in embedded engineering (Must Have)
- Strong Embedded C/C++ programming skills (Must Have)
- Hands-on experience using multimeters and oscilloscopes (Must Have)
- Understanding of RTOS, Linux device trees, Yocto, and Git (Should Have)
- Experience with ARM Cortex-M or Cortex-A platforms (Should Have)
- Basic knowledge of Wi-Fi/Bluetooth and bus protocols (UART, SPI, I2C, USB, SDIO) (Should Have)

Good-to-Have Skills

- Python or scripting experience
- Knowledge of LPWAN, UWB, Radar technologies
- Understanding of RF fundamentals and wireless certification standards
- Experience with PCB/schematic design
- Familiarity with RF tools such as spectrum/network analyzers

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Company Description