

Embedded Software Developer

Rajkot, Gujarat, India.

YANTRA INNOVATIONS takes pride in developing AI (Artificial Intelligence) based diamond processing technology and establishing a trust-based relationship. We are the only manufacturer of AI-based diamond processing machines in entire Asia. We closely associated with world renowned KGK group, one of the giants in the Diamond Industry, for overall progressive growth. We have esteemed customers around the globe. The satisfaction of our customers is our prime motive. As a name, we believe in innovations, and all our machines are equipped with high-end unique technologies.

We are hiring for various posts as per details given below. Join us for a better and brighter career ahead.

Work Profile:

We are looking for a self-motivated and enthusiastic **Embedded Software Developer** to join our **R&D** team. The successful candidate will assist in Embedded Development, Designing, developing, coding, testing and debugging system software, according to the products being developed in the company.

This position requires a solid understanding of embedded systems fundamentals, strong programming skills, a proactive mindset, attention to detail, and a willingness to learn and adapt to dynamic technological challenges.

Position summary:

Experience: 1-2 year / Fresher

Qualification: B.E. / B.Tech. in Electronics & Communication Engineering

Functional Area: Embedded Software Development

Skills Required:

- Embedded C
- Experience working on 8-bit Microcontrollers such as AVR, PIC, ST, ARDUINO
- Expert in Peripherals such as UART, I2C, GPIO, and SPI. Experience working on timers, PWM, external interrupts, Encoders, Stepper Motors.
- Design and implement software for Embedded Systems from requirements to production/deployment.

Skills Good to have:

- RTOS, Embedded C++, Python
- Experience with 32-bit Micro-controllers such as ARM
- Experience in Board bring up and OS porting, development and debugging of software on embedded targets with ARM controller, such as Raspberry Pi/BeagleBone etc.

Tools/Platform:

- JTAG, Embedded IDEs such as Keil, IAR, VS Code, Arduino IDE
- Familiarity with software configuration management tools, defect tracking tools, and peer review.

Benefits:

- Opportunity to work with cutting-edge embedded systems and firmware technologies across real-time applications.
- Gain hands-on experience and mentorship from industry experts.
- Potential for a full-time position with growth opportunities based on his/her performance.

Salary:

No bar for Right Candidate.

Working Hours:

9:00 a.m. to 6:00 p.m. (Week off on Wednesdays, 1 to 2 one hour break)

For more information:

Visit our website: www.yantrainnovation.com

Contact us at: hr@yantrainnovation.com, +91 93745 74533