



About the company

Sinhal Udyog, a Crystal Group company - The Fastest-Rising Indian Technology Enterprise Empowering Utilities since the last decade.

We are a company led by visionaries who aspire to impact people's everyday lives by providing them access to quality, secure, and reliable energy.

Driven by research, with entrepreneurship as our central pillar, we are essentially an innovation lab that aims to empower utilities by providing them with futuristic and revolutionary technology solutions.

We truly believe that highly motivated, responsible and proactive employees are the main reason for the success and development of our company.

Before you read further, take time to ask yourself:

- Does the immense scope of ever-changing technology excite you?
- Do you think you have a strong sense of logic?
- Can you deliver in a startup-like environment?

If you answered YES, we are eager to meet you

Sinhal Udyog is an employee-centric organization that stands tall and robust on the strong shoulders of a **+100 strong workforce based in Delhi NCR**, bringing their best at work every day.

We concede and conform to the thought, ***when great people come together, they bring out nothing but 'The Greatest Solutions.'*** Each of our resources is invaluable to us that we prize and praise in words, action, and spirit.

Position - Senior firmware engineer

Designs firmware/embedded software for Class 1.0 and 0.2 Energy Meters. The role will include creation of architectural and detailed design documents from requirements. Writing firmware to implement the design. Assist in product verification and validation activities. Participates in product design reviews and in software process development activities.

Roles and responsibilities

- Write firmware following object oriented programming principles.



- Perform design & code analysis utilizing appropriate tools.
- To read schematics and datasheets and translate that to application code.
- Understand hardware and firmware interactions, and collaborate with Hardware Engineers.
- Innovate with the hardware team to define and bring up our energy meters, delivering critical features to millions of customers.
- Bring up RTOS on the next generation of embedded systems.
- Deliver high-quality C code in a real-time embedded environment.
- Interface with other sensors and actuators in the system.

Requisite Skills

- Strong C programming skills required.
- Experience with ARM architectures.
- Experience with board /chip bring-up.
- Experience with real-time operating systems (RTOS) like FreeRTOS.
- Experience with writing device drivers for low-speed interfaces like I2C, SPI, UART, CAN.
- Strong build, debugging and test skills.
- Git experience

Experience

- +10 years of experience
- Previous work experience as Firmware Engineer

Qualification

- Bachelor's degrees in Electrical Engineering, Computer Engineering, Computer Science, Systems Engineering, or equivalent

Website: www.crystalpower.in

Contact: recruitment@crystalpower.in

*Please send your updated CV with a Cover letter elaborating to us on why you think you are the right-fit for the role.

**We will consider cover-letters and CVs sent at the above-mentioned email, only.

*****Please mention "TSE-VICTORY" in all caps in the subject line of your email. If not, we are afraid your application will not pass through our automated email filter system.**

We Wish You Our Best