

Job Notification Form, IIT Delhi

Company Overview

Name: Enphase Energy

Website: WWW.ENPHASE.COM

Company Type: Core (Technical)

Description: Enphase Energy is a leading company in the world's transition to sustainable energy. Founded in 2006, we transformed the solar industry with our revolutionary microinverter technology. Our focus on innovation and superior customer experience helped us quickly become the world's leading provider of microinverter-based solar, battery storage, and energy management systems.

Today, our integrated hardware and software solutions empower people to make, store, use, sell, and share their own energy. We are accelerating the shift away from fossil fuels and toward the clean electrification of our homes, businesses, and communities. Enphase has already installed more than 34 million microinverters, which are helping power approximately 1.5 million households across 130 countries.

We are continuing to grow around the world. Enphase was listed on the S&P 500 for the first time in January 2021, featuring a market capitalization of more than \$20 billion.

Job Details

Designation: Firmware Engineer

Type: Core (Technical)

Place of Posting: Bangalore

Job Details: GET READY FOR THE FUTURE OF ENERGY
Enphase Energy is using the innovation that made us the world leader in microinverter technology to transform energy generation and management forever. We are one of the fastest growing and most dynamic Energy Systems Companies in the world. By combining the power of solar energy and the proven advantages of communications technology, Enphase Energy makes solar power systems productive, reliable, smart and safe. Our microinverter system is profoundly changing the way solar systems function, and as a result, changing the solar industry itself.

As we continue our exciting growth, we are building teams with highly talented individual contributors and leaders who design, develop, and manufacture next generation energy technologies. Our work environment is fast-paced, fun, and full of exciting new projects.

□ Enphase website Link - <https://enphase.com/en-us/support>

Mission (Why does this role exist?) and Scope (About the Job)

This position is within our Storage Engineering group, where you will work in a small team to design and develop firmware for the Enphase Ensemble™ series of energy generation, storage and management products. You will be working in a multi-site team and expected to interface across multiple functions.

Key Responsibilities and Outcomes (What the Person needs to accomplish in the

role ?)

- Implement embedded firmware on an RTOS or bare-metal, for various Ensemble™ devices like the AC battery, smart switch, smart load controller and others.
 - Work with senior engineers in the team to design these products
 - Work with the marketing and hardware teams to specify the requirements of new products.
 - Design and implement algorithms and state machines for the smart switch (to select power sources) or the load controller (to manage loads).
 - Working with cross functional teams to test and troubleshoot issues.
 - Self-motivated individual with the ability to work under minimal supervision
- Qualifications: Education, Competencies (Knowledge, Skills & Behaviour) and Experience
- Some experience in working with microcontrollers (from ST Microelectronics, NXP, TI, Cypress/Infineon, Atmel or others)
 - Excellent understanding of basic algorithms and excellent problem-solving skills
 - Good understanding of theory (control theory, power electronics, communications etc) is desired
 - Familiarity with development tools such as Git, GCC, GDB, Eclipse, GNU Make, etc desired.
 - Good written and verbal communication skills required.

Joining By: 1 July 2022

Salary Details

CTC:	2,500,000 INR Per Annum
Gross:	2,500,000 INR Per Annum
CTC Breakup:	Base + Retiral : 19,21,239.503 Bonus : 90,010.5 RSU : 2,88,750 Joining Bonus : 2,00,000

Selection Process

Resume Shortlist:	Yes
Written Test:	No
Online Test:	Yes
Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	
No. of Offers:	10
Minimum	8 & 80% in 10th and 12th

Eligibility

**Recruiting
PHDs:** Yes

**Eligible
Departments:** B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech and M.Tech in Computer Science & Engineering, M.Tech in Communications Engineering, M.Tech in Computer Science & Engineering, M.Tech in Control & Automation, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.S.(R) in Electrical Engineering