

# Job Notification Form, IIT Delhi

## Company Overview

**Name:** Enphase Energy

**Website:** [WWW.ENPHASE.COM](http://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:** Data Science Engineer

**Type:** Core (Technical)

**Place of Posting:** Bangalore

**Job Details:** GET READY FOR THE FUTURE OF ENERGY  
Enphase Energy, the world leader in energy generation and management, invites passionate and bright individuals to join us in ushering the world into a new era in energy generation and management, spearheaded by our innovative microinverter technology.

We are one of the world's most active and rapidly growing energy systems firms. Enphase Energy makes solar power systems productive, dependable, smart, and safe by integrating the power of solar energy with the proven advantages of communications technology. Our microinverter solution is revolutionising the way solar systems work, as well as the solar industry as a whole. We're still expanding all around the world. With a market capitalisation of more than \$20 billion, Enphase debuted on the S&P 500 in January 2021.

Our CTO organisation is expanding in Bangalore. This group will be made up of technology nerds with a lot of hands-on expertise and a strong desire to learn new things. This position requires a broad and deep understanding of emerging technologies (AI/ML, IoT, Cloud, Cybersecurity) as well as hands-on expertise with different programming languages. Our workplace is fast-paced, enjoyable, and full of interesting initiatives.

What the role entails

(Key Responsibilities) • Develop technology demonstrators in the area of

renewable power generation showcasing power of AI/ML in solving challenging problems related to transactive energy services, early event predictions, anomaly detection, predictive maintenance etc.

- Build end to end AI pipeline from data pre-processing, AI/ML algorithm development and selection, post processing and result presentation
- Apply various cutting-edge AI/ML algorithms such as LSTM, RNN, Auto encoders, SVM, PCA, Random Forest to solve some of the challenging problems
- Apply statistical signal processing techniques for data cleaning and data exploration
- Apply time series techniques like Fourier transform, Fast Fourier transforms, Wavelets to solve problems related to time series analysis
- Work on large scale data comprising of telemetry data, alarms and events, images etc.
- Actively participate in IP creation
- Publish results in reputed journals and conferences

What we are looking for in you

(Skills, Knowledge, Special Attributes, Mobility) • Exposure to work on time series modelling, time series prediction and forecast algorithms

- Experience in programming languages like Python, R and MATLAB etc.
- Ability to analyze state of the art research papers and patents
- Preferable to have exposure on image classification, object detection in images using AI/ML
- Preferable to have exposure advanced machine vision and deep-ML architectures such as CNN, R-CNN, Fast CNN, Faster R-CNN

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

☐ Enlighten Link - <https://enphase.com/en-us/products-and-services/enlighten-and-apps>

**Joining By:** 1 July 2022

## Salary Details

**CTC:** 3,693,077 INR Per Annum

**Gross:** 3,693,076 INR Per Annum

**CTC Breakup:** Base + Retiral : 26,68,077  
Bonus : 1,25,000  
RSU : 5,00,000  
Joining Bonus : 4,00,000

## Selection Process

**Resume Shortlist:** Yes

**Written Test:** No

**Online Test:** Yes

**Group Discussion:** No

**Medical Test:** No

**Personal** Yes

**Interview:**

**No. of  
Rounds:**

**No. of  
Offers:** 10

**Minimum  
CGPA:** 8 & 80% in 10th and 12th

## Eligibility

**Recruiting  
PHDs:** No

**Eligible  
Departments:** B.Tech in Computer Science & Engineering, B.Tech in Mathematics & Computing,  
B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in  
Mathematics & Computing