

# KAUSIK N

Software Engineer at Enphase Energy

📞 8056006672    📧 nkausik1999@gmail.com    🔗 <https://www.linkedin.com/in/kausik-n/>    📍 Chennai



## EXPERIENCE

### Software Engineer

#### Enphase Energy

📅 07/2023 - Present    📍 Bengaluru, India

- Learnt about various solar related Enphase products and softwares
- Built various new features and fixed bugs for the Enphase react app
- Collaborated with PLMs, PMs and DVT for delivering top quality features in the app

### Research Intern

#### SIEMENS TECHNOLOGY AND SERVICES PRIVATE LIMITED

📅 06/2022 - 07/2022    📍 Bengaluru, India

- Researched GAN architectures, LaTeX formula encodings and Image to LaTeX conversion methods
- Developed, implemented and trained GAN based approach to Image to LaTeX conversion and evaluated

### DL/Image Processing Intern

#### GalaxEye Space

📅 12/2021 - 01/2022    📍 Chennai, India

- Researched Multispectral Satellite imaging, Non-linear image Co-Registration for satellite images
- Developed and implemented specialized algorithms and methods and image processing pipeline for Satellite image Co-Registration

### Research And Development Intern

#### Ericsson

📅 01/2021 - 07/2021    📍 Chennai, India

- Assisted in development and testing of security components in revenue management systems

### Development Intern

#### Avataar.Me

📅 09/2020 - 11/2020    📍 Bengaluru, India

- Developed filters for Instagram and Facebook using Spark AR software
- Developed several filters from scratch while collaborating with project managers and clients

### Research And Development Intern

#### SPI GLOBAL II

📅 05/2020 - 09/2020    📍 Chennai, India

- Researched algorithms for Raster graphics to Vector graphics conversion
- Developed and implemented workflow for automatic conversion from Raster to Vector graphics using open-cv in python
- Dataset Annotation for reading text from scanned accident crash forms

### Research And Development Intern

#### eBramha Inc

📅 12/2018    📍 Chennai, India

- Researched AR Technologies and development of AR apps using Unity software
- AR app development for education using Unity, Vuforia and AWS

## KEY ACHIEVEMENTS



### GATE CS AIR 87

Obtained GATE score of 860 in 2021



### BTech Honours Programme

Awarded the honours degree in BTech



### Facebook School of Innovation

Selected in **TOP 5** teams in India under Travel category for AR Capstone project held by Facebook School of Innovation and invited to demonstrate in Facebook National Demo Day 2020

## LANGUAGES

### English

Proficient



### Tamil

Native



### Hindi

Intermediate



### Sanskrit

Beginner



## CERTIFICATION

### PadhAI - Deep Learning Course

One Fourth Labs

## EDUCATION

Master of Technology - MTech,  
Computer Science

Indian Institute of Technology,  
Madras

📅 2021 - 2023

CGPA

8.86 / 10.0

Bachelor of Technology - BTech  
(Honours), Computer Engineering

Indian Institute of Information  
Technology Design & Manufacturing  
Kancheepuram

📅 2017 - 2021

CGPA

9.46 / 10.0

XII

Sri Sankara Senior Secondary School,  
Adyar

📅 2017

Marks

475 / 500

X

Sri Sankara Senior Secondary School,  
Adyar

📅 2015

CGPA

9.8 / 10.0