

# Athul Jyothis

Portfolio Website - [jyothisable.github.io](https://jyothisable.github.io)  
[github.com/jyothisable](https://github.com/jyothisable) | [linkedin.com/in/jyothisable](https://linkedin.com/in/jyothisable)  
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## EDUCATION

### IIT BHUBANESWAR

M.TECH IN MECHANICAL ENGINEERING  
 2020-22 | Odisha, India  
 CGPA : 8.4 / 10.0 (current)

### APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

BTECH IN MECHANICAL ENGINEERING  
 2015-19 | kerala, India  
 CGPA : 7.96/10.0

### INFANT JESUS PUBLIC SCHOOL

CLASS 12<sup>th</sup> | CBSE  
 2015-19 | kerala, India  
 Percentage : 88.4%

### TALENT PUBLIC SCHOOL

CLASS 10<sup>th</sup> | CBSE  
 2001-13 | kerala, India  
 CGPA : 8.4/10.0

## CERTIFICATIONS

### COMPUTER SCIENCE

PLATFORM : CODECADEMY  
 • Python with OOPS • Git • Data Structures and Algorithm

### FRONT END ENGINEER

PLATFORM : CODECADEMY (IN PROGRESS)  
 • HTML • CSS • JavaScript  
 • Responsive Design  
 • TDD with Mocha • React

## SKILLS

### PROGRAMMING

AREAS WORKED ON:  
 • Front End Development  
 • Web Development  
 • Python Scripting

#### LANGUAGES AND TECHNOLOGIES :

• Python • JavaScript • React • MATLAB  
 • HTML • CSS • SCSS • Mocha

#### TOOLS:

• Git • Chrome Dev Tools • AdobeXD •  $\text{\LaTeX}$  • VS Code • Shell • Netlify

## PROJECTS

### JAMMMING

REACT APP | JULY 2021  
 • Create Spotify playlist easily and save it to Spotify account  
 • Fetch data from Spotify API  
 • Class component based design

### APPOINTMENT PLANNER

REACT APP | AUGUST 2021  
 • Store contacts details and schedule appointments with contacts  
 • Functional components and hooks are used

### JYOTHISABLE

PORTFOLIO WEBSITE | MARCH 2021  
 • Made using HTML, CSS (SCSS) and JavaScript  
 • Block Element Model followed in SCSS

### DOWNSCALING OF SOLAR INSOLATION DATA FROM SATELLITE DATA PRODUCTS USING IMAGE PROCESSING AND ANN

MTECH PROJECT | JUNE 2021 - PRESENT

- Aims to improve resolution of solar insolation data from Satellite products
- GRASS GIS to simulate solar insolation
- Artificial Neural Network to improve resolution by super sampling

## POSITION OF RESPONSIBILITY | VOLUNTEER

### STUDENT PLACEMENT COORDINATOR

CAREER DEVELOPMENT CELL, IIT BHUBANESWAR  
 June 2021 - Present

- Represents MTech Mechanical Engineering batch of 2020-22
- Make first contact with companies and to facilitate them to recruit from IIT Bhubaneswar

### VOLUNTEER

ERNAKULAM DISTRICT ADMINISTRATION, KERALA  
 October 2018

- Participated in various flood relief activities
- Certificate from district collector of Ernakulam

## ACHIEVEMENTS

### TOP 2 % | 98.4%ile

GRADUATE APTITUDE TEST IN ENGINEERING (GATE-2020)

- Conducted by IIT for Mtech admission
- Top 2% among 137826 candidates across India