Athul Jyothis

Portfolio Website - jyothisable.netlify.app

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EDUCATION

IIT BHUBANESWAR
M.Tech in Mechanical Engineering
2020-22 | Odisha, India
CGPA : 8.48 / 10.0 (current)

APJ ABDUL KALAM TECHNO-LOGICAL UNIVERSITY
BTech in Mechanical Engineering
2015-19 | Kerala, India
CGPA : 7.96/10.0

INFANT JESUS PUBLIC SCHOOL
Class 12th | 88.48% | CBSE
2013-15 | Kerala, India

TALENT PUBLIC SCHOOL
Class 10th | 8.4/10 | CBSE
2001-13 | Kerala, India

CERTIFICATIONS

COMPUTER SCIENCE
🔗 Platform : CodeCademy
• Python • OOPS • Git • Data Structures and Algorithm

FRONT END ENGINEER
🔗 Platform : CodeCademy
• HTML • CSS • JavaScript • Responsive Design • React • Redux

OS DBMS CN FOR SDE
🔗 Platform : GeeksforGeeks
• Operating Systems • DBMS • Computer Networks

BUILD A MACHINE LEARNING MODEL WITH PYTHON
Platform : CodeCademy
• Python • Supervised Learning
• Unsupervised Learning • Perceptrons and Neural Nets

SKILLS

LANGUAGES AND TECHNOLO-GIES
• Python • JavaScript • React • MATLAB
• HTML • CSS • SCSS

TOOLS
• Git • Anaconda • Chrome Dev Tools
• VS Code • LaTeX • AdobeXD • 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 NEURAL NETWORK
MTech Project | June 2021 - Present
• Aims to improve resolution of solar insolation data from Satellite products
• 🔗 GRASS GIS Python API script to simulate solar insolation
• Artifical Neural Network to improve resolution by super sampling

ACHIEVEMENTS

TOP 2 % | 98.4%ile
GATE-2020
• Conducted by IITs for Mtech admission
• Top 2% among 137826 candidates across India

POSITION OF RESPONSIBILITY

STUDENT PLACEMENT COORDINATOR
Career Development Cell, IIT Bhubaneswar
June 2021 - Present
• Represented MTech Mechanical Engineering batch of 2020-22
• Established first contact with companies and facilitated them to recruit from IIT Bhubaneswar

TEACHING ASSISTANT (TA)
School of Mechanical Sciences, IIT Bhubaneswar
June 2021 - Present
• Co-ordinated with a faculty member to assist with instructional responsibilities
• Interacted with students and guided them in a way that successfully conveys educational material