

ADITHYA BALASUBRAMANYA

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CAREER SUMMARY

Detail-oriented and highly motivated Engineering graduate with a strong foundation in problem-solving, data analysis, and project management. A quick learner with a strong work ethic, seeking an entry-level opportunity to leverage technical skills in a dynamic environment.

EDUCATION

Bachelor of Technology (Electronics and Communication)

Dayanand Sagar Academy of Technology and Management

DEC 2020 – JUNE 2024

CGPA – 7.54

Pre University (PCME)

Kumarans PU College

MAY 2018 – APRIL 2020

Percentage – 84%

Class 10th - SSLC

BNM HIGH SCHOOL

MAY 2015 – APRIL 2018

Percentage - 89.76%

TECHNICAL SKILLS

- Programming Languages: MATLAB, C++, Python, Verilog
- Packages: MS Office, LabVIEW
- Working knowledge on Ansys HFSS software

WORKSHOPS / SEMINARS / TRAININGS ATTENDED

- WORKSHOP - Application of Artificial Intelligence in image processing using MATLAB
- 15 days training on Ansys HFSS software

PROFESSIONAL EXPERIENCE

DESIGNATION: RESEARCH ASSOCIATE

JULY 1, 2024 – DEC 31, 2024

COMPANY: NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

PROJECT: CONTROLLED RADIATION PATTERN ANTENNA – ISRP RESPOND

RESPONSIBILITIES: CONTRIBUTED TO THE DESIGN DEPARTMENT IN DEVELOPING AND SIMULATING TRI-BAND FILTERS AND ANTENNAS IN ANSYS HFSS. AUTHORED MULTIPLE RESEARCH PAPERS DETAILING PROJECT FINDINGS, CURRENTLY UNDER REVIEW FOR PUBLICATION. FOCUSED ON L5, L1, AND S-BAND ANTENNA DESIGNS WITH EMPHASIS ON OPTIMIZING RADIATION PATTERNS FOR IMPROVED PERFORMANCE.

INTERNSHIP

ORGANIZATION: BHARAT HEAVY ELECTRICALS LTD

PROJECT UNDERTAKEN: ELECTRONICS MODULES MANUFACTURING AND TESTING

TECHNOLOGY USED: SURFACE MOUNT TECHNOLOGY

DURATION: 1 MONTH

RESPONSIBILITIES: INVOLVED IN TESTING DEPARTMENT

PROJECTS

Project Title: Smart Medical Kit

Technology Used: Think speak Software

Description: Smart medical kit is a technological solution that integrates smart devices sensors and data analytics to provide personalized healthcare services

Roles & Responsibilities: Contributing overall project objectives

Team Size: 4

Project Title: Nano Sensor for Toxic gas Sensing

Technology Used: Virtual Nano Lab

Description: This project focuses on designing and implementing highly sensitive nano sensors capable of detecting low concentrations of toxic gases, ensuring early warning and safety in industrial and environmental settings.

Roles & Responsibilities: Contributing overall project objectives

Team Size: 4

STRENGTHS

- Adaptability to ever changing environment.
- Good leadership qualities.
- Positive attitude and Smart working nature.
- Self-motivation and Self-confidence.
- My confidence.

LANGUAGES KNOWN

- English
- Kannada (Mother Tongue)
- Hindi

PERSONAL DETAILS

Date of Birth: 12-08-2002

Mothers' Name: Kamakshi. S. S

Fathers' Name: N. Balasubramanya

PAN Card No: DTYPA2183L

Passport No: U3840666

Aadhar Card No:3005 3955 7954

I hereby declare that the information given above is true to the best of my knowledge. I will make it my earnest endeavour to discharge competently and carefully the duties you may be pleased to entrust with me.

Date:

Place: Bengaluru

(Signature)