

Madhurjya Bora

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Bora

☎ +91-7002811948

EDUCATION

Indian Institute of Information Technology, Guwahati.

M.Tech. in Computer Science

Engineering

July 2021 – May 2023

CGPA – 6.70

B. Tech in ECE (IIITG)

CGPA – 6.63 July 2013- May 2017

Don Bosco Higher Sc School

Senior Secondary (12th), CBSE

April 2011– March 2013

Percentage - 88%

Don Bosco Higher Sc School

Secondary School (10th), CBSE

April 2010 – March 2011

Percentage – 83.6 %

SKILLS

Cloud Computing, C, C++ Python, Speech Recognition Using Python, MATLAB, EEGLAB.CAD Tool, HFSS, Open CV, Microcontroller (Arduino), Intel Galileo Board, Raspberry Pi, Microprocessors, AVR Microcontroller, Node MCU, HTML, PHP, Basics Of Android App Development and Interfacing with Microcontrollers., ML, Deep Learning ,ANN and IOT

Workshops Conducted

- IIT Guwahati , RGU, AEC in IOT
- Robotics and AI Training
- Seminars in Workshops

COURSEWORK

Data Structures, Algorithms, OOPS, Database Management System(DBMS), Operating System, Artificial Intelligence, Machine Learning, Theory of Computations, Compilers, Software Engineering, Game Theory.

WORK HISTORY AND INTERNSHIPS

Research Associate (IT)& Faculty – Assam Institute of Management

Handling DBMS and software development For Various Govt/ PSU Consultancy Project

August 2022 (**Currently Working**)

Teaching of Various IT Related Courses to Post Graduate MBA Students

Guest Faculty (IT)

Nilachal College of Allied Health Sciences

G PLUS, Technology Head

Magitech Innovision Pvt Ltd

Chief Technical Officer

Aug 2020 – March 2022

Worked in Allay an online application to find PG/Rent Homes/Hotels and Resorts and further worked in Branding and Promotions and more customer base for more tractions and funding connect

Former Guest Faculty,

NIELIT , Guwahati, Govt of India

OrcheeTech Technology Pvt.Ltd

September 2019- July 2020

Chief Technical Expert

Worked on Robotics, IoT, Embedded System, Speech Processing, Emotion Recognition and Brought business for colleges for workshops.

Technomate Edubotics Pvt.Ltd

June 2017 - July 2018

Embedded Dept Head

Brought clients for software projects and then brought workshops from colleges

PROJECTS

Allay

An online application to find PG/Rent Homes/Hotels and Resorts .

Launched in the market and Growing with 3000 plus customer base

Real Time News Classification and prediction for G Plus

Made a news prediction and classification model with real time news dataset of Guwahati Plus. Implemented many models and found out a good accuracy for the later on experimental phases.

Developed A Chat Bot Using Raspberry Pi 3

Using Speech Recognition and Python Package. Here Basically the bot used to Give Answers to Some Asked Questions Using Audio Input by Microphone. This Bot used to give answers within a Particular Domain

Worked on A Smart Blind and Guidance App for Blind People

Using Computer vision where basically a blind people can go on his/her route with the help of Maps/ Sound and Object detection algorithms.

Research Publications :-

1) IEEE International Conference on Signal Processing and Communication (ICSC), Noida, 2016

-“Analysis of Neural Electrical Activities During Elicitation of Human Emotion based on EEG.”

2) Scopus – Journal of Electrical Systems

Analysis of Heart Disease Prediction using Novel Machine Learning and Deep Learning Techniques
Vol. 20 No. 11s (2024)

Achievements :-

- 1) IIT Kharagpur, Robotics Competition, Kshitij 2015
- 2) 83 rank in city in 10th National Science Olympiad. 2007.
- 3) 43rd rank in the State in Jigyasa Talent Search Examination (JTSE) .2008.
- 4) 4th prize in “THE BEST TALENT OLYMPIAD 2007”.
- 5) Receiptent of “ Chief Minister’s Financial Assistance” to meritorious students of Assam studying in IIIT in the year 2013, till 2017
- 6) Winner of Intra-College Dance Competition, YUVAAN, 2016
- 7) Third prize holder at Painting Competition, YUVAAN, 2015
- 8) 1st prize holder at Intra college Football Tournament, YUVAAN, 2015

Name of Referees:-

Dr . Sanjib Raj ,
Director I/C Assam Institute of Management
9864013244

Dr Parashjyoti Goswami
Asst Professor , IIITG
7002497117

Subjects Taught for Post Graduate Students:-

- 1) Information Technology for Managers
- 2) Management Information Systems
- 3) Fundamentals of Computer

Non – Academic Responsibilities:-

- 1) Coordinator For AIMQUEST , Assam Institute of Management
- 2) Coordinator for Technology Club , Assam Institute of Management
- 3) Technology and Innovation Cell – CSR Activity

Consultancy Projects:-

- 1) Looking after the software development for Online Recruitment Portals for various government departments

Trainings:-

- 1) Training on “ Target your dream Job “ , “ AI for Marketing” “ The GenZ Entrepreneur “ IoT and AI for the next generation” in various colleges of northeast including IITG and IIITG



Shri Madhurjya Bora

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I hereby declare that all the facts given above are true and correct to the best of my knowledge

Link for Online CV :- [Portfolio \(madhubot.github.io\)](https://madhubot.github.io)