

MUTHURANI N.H

BE, M Tech
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CAREER OBJECTIVE

A passionate and dedicated learner with a strong interest in teaching, aiming to inspire and guide students to excel in their subjects. Committed to continuous learning and technical excellence, with the goal of contributing meaningfully to student development. Seeking a teaching position in a progressive institution that offers opportunities for career growth, skill enhancement, and educational innovation.

PROFESSIONAL SUMMARY

- Working as an Assistant Professor with **2.5** years of academic experience in the Department of Computer Science and Engineering, Dayananda Sagar College of Engineering, Bangalore.
- Worked as an Associate Software Engineer for **1.6** years in the organization C2C DB Systems Pvt Ltd.

EDUCATIONAL QUALIFICATION

Course	Board	Institution	Year of passing	% of Marks
M.Tech (Computer science)	DSI	DSCE, Bangalore	2020	79% or 8.69 SGPA
B.E.(computer science)	Visvesvaraya Technological University, Belgaum.	PNSIT, Bangalore	2018	65%
II PUC	PUE	St. Philomena's PU College, Mysore	2014	63.32%
SSLC	KSEEB	NMES School, Kadur, Chikmaglore	2012	82%

TEACHING EXPERIENCE

S. No	From	To	Name of the Institute where worked	Designation	Subjects Taught
1	March, 2023	Till Date	DAYANANDA SAGAR COLLEGE OF ENGINEERING BANGALORE	Asst.Prof	1.Principles of Programming using C 2.Introduction to C Programming 3.Introduction to C++ Programming

INDUSTRY EXPERIENCE

S. No	From	To	Name of the Organization where worked	Designation	Total Experience
1	August 2021	February 2023	C2C DB Systems Pvt. Ltd	Associate Software Engineer	1.6 years

CERTIFICATIONS

- Completed a Certified course on python in Udemy.
- Completed “C++ Programming” course from Infosys springboard in 2023.

WORKSHOPS ATTENDED

- Participated in 5 days Faculty Development Programme on Building Intelligent Systems: A Hands-on FDP in Machine Learning.
- Participated in 3 days National Symposium on Futuristic Innovation technology for Sustainable IT Solutions.
- Participated in 3 days workshop on OBE.

ACADEMIC PROJECTS

1. **M.Tech project :**

- Project Title: “Gender and Age detection using CNN and openCV”.
- Domain: “Deep Learning”.
- Language: Python

Description: This project focuses on developing a simple convolutional neural network model that accepts the facial images as input and estimates the approximate age and gender of the detected face. Here I used computer vision to detect the faces in the given facial image and a model built based on Convolutional neural network to accurately identify the gender and age of a person from a single image of a face.

- Roles and Responsibilities
 - Developed and trained a Convolutional Neural Network (CNN) in Python to predict gender and age from facial images with high accuracy.
 - Utilized OpenCV for real-time face detection and image preprocessing, enabling seamless integration with the prediction model.
 - Evaluated model performance using accuracy and loss metrics, and optimized the pipeline for better real-time inference.

2. B.E project :

- Project Title: “Industrial Automation System Using Raspberry pi”.
- Domain: “Internet of Things”.
- Language: Java
- Description This focus on proposing a secured and energy efficient industrial automation system and the main aim is controlling the industrial devices, managing the power utilities, alerting the employee about critical situations using sensors and alarms, monitoring employee regularity and reducing the usage of power. This is achieved by using remotely controlling and monitoring device parameters using Raspberry Pi and Embedded web server technology.
- Roles and Responsibilities
 - Built an automation system using Raspberry Pi and Java to control and monitor industrial devices remotely.
 - Connected sensors and alarms to track power usage, detect issues, and alert employees in critical situations.
 - Created a simple web interface to view data and manage devices in real-time, improving safety and energy efficiency.

PERSONAL INFORMATION

Date of Birth	11-AUG-96
Nationality	Indian
Language Proficiency	Kannada, English, Hindi, Telugu
Personality Skills	Team worker, adaptable to changes, good communication skills, commitment to work, Passionate about learning and teaching.
Hobbies	Travelling, reading, badminton, dance & music.
Permanent Address	#771, 3rd Block Nidaghatta Kadur(T) Chikmaglore(D) -577548

