

# Manikandan R



## PERSONAL STATEMENT

An Information Science Engineering Graduate passionate about using technology to solve complex problems and create innovative solutions, with a strong foundation in programming and software development seeking a challenging role in the field of Software Engineering.

## INTERNSHIP

AUG 2023 -  
SEP 2023

### Sentiment Analysis of Lockdown in India During Covid-19 - Case Study on Twitter - Compssoft Technologies

- The primary objective is to gauge the sentiments of the Indian population during different phases of the lockdown.
- The research leverages a large dataset of Twitter posts (tweets) related to the Covid-19 lockdown in India.
- Natural Language Processing (NLP) and Machine Learning (ML) techniques used to classify tweets into positive, negative, or neutral sentiment categories.
- The performance of different ML algorithms assessed through data preprocessing and feature engineering.
- Soft skills such as teamwork, professional communication, and time-management improved.

## CONTACT DETAILS

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## PERSONAL DETAILS

Location RT Nagar Bengaluru  
Date of Birth May 13, 2002  
Gender Male

## TECHNICAL SKILLS

### Programming languages

Java, C, C++, Python, SQL

### Software version control

Git

### Tools/Development Environment

Visual studio, Android studio

## LANGUAGES

English, Malayalam, Kannada, Tamil, Hindi

## CERTIFICATIONS

- GUVI Certificate Course in Python
- Machine Learning with Python
- Deep Dive into Python Libraries
- Java full stack development

## HOBBIES

Playing Badminton, Movie Analysis, Photography

## EDUCATION

2020-2024

### BE - Information Science

Visvesvaraya Technological University (VTU)

Relevant coursework: Data Structures and Applications, Object Oriented Programming with Java, Development in python, Database Management, Software Engineering & Project Management, Data Analytics and AI and Machine Learning.

CGPA: 7.02

2018-2020

Class XII, Karnataka state syllabus, 83%

SDM Residential PU college

2016-2018

Class X, ICSE 74%

R.T Nagar public school

## PROJECTS

JAN 2024-

MAY 2024

### Hybrid approach for Cardiac Arrhythmia Classification

- An IoT based project to predict the occurrences of cardiac arrhythmia by applying ML algorithms.
- This model is trained using the preprocessed data, allowing it to learn patterns and correlations associated with different arrhythmic conditions. UCI repository dataset is used for this.
- In this research, we analyze five algorithms—decision tree, linear regression, k- Neighbor SVM, and Weighted-KNN.
- The software requirements are Anaconda navigator, Jupyter Notebook, Python 3.7 with Matplotlib, Seaborn, NumPy, Pandas, Keras, TensorFlow, Pillow libraries

### BookMyShow Homepage Clone

- Developed a responsive web application that mimics the functionality of BookMyShow for event and movie ticket booking.
- Technologies Used: HTML, CSS, JavaScript.
- Utilized HTML for structure, CSS for responsive design, and JavaScript for dynamic interactivity. Implemented search, filtering, and booking functionalities with form validation to ensure a seamless user experience.
- Successfully simulated an end-to-end booking process and therefore enhanced frontend development skills.
- Development Environment: Visual studio code, Git

OCT 2024 -

DEC 2024