

Srividhya Ravichandran

Bachelors of Information Science

My goal is to obtain a creative and challenging position that gives me an opportunity to effectively utilize my technical, innovative and logical skills to contribute to the growth of the organisation.

sriviravi410@gmail.com ✉

+91 7259505123 📞

Bangalore, India 📍

srividhyaravi.github.io/portfolio/ 🌐

linkedin.com/in/srividhya-ravichandran-ab0182175 in

github.com/srividhyaravi 🐙

EDUCATION

B.E (Information Science and Engineering)

Ramaiah Institute of Technology

07/2017 - Present

9.12

Pre University

Vidya Mandir Pre University College

06/2015 - 05/2017

95%

PERSONAL PROJECTS

iMood : Automated Depression Detection Tool.
(2018)

- Used the concepts of Natural Language Processing to detect the change in sentiments in a user's tweet over time using the IBM Watson Tone Analyser. Tweets were scraped using Tweepy and Requests in Python. This project has been published in the International Research Journal of Engineering and Technology.

Coffee Bean batch quality sorting using Image Processing and Transfer Learning (ResNet50)
(10/2019 - Present)

- A Digital Image Processing project for grading coffee beans on various factors such as colour, shape, size and texture, in order to determine the coffee roast levels and its health using a custom coffee bean dataset.
- Currently writing a research paper on the same.

Movie Recommendation System (06/2019 - 08/2019)

- Recommendation System to improve the quality of search results and exhibit movies which are more relevant to the explored movie or related to the search history of the user.
- Implemented using Demographic filtering and content based filtering.

OpenTutor (03/2020 - 05/2020)

- GUI software for sorting algorithms that enables users to analyze sorting algorithms & to compute how the sorting operations work on any integer array and to visualize the sorting process. This could serve as a time saving method for students and teachers.
- Developed using J2EE Swing and AWT'S.

WORK EXPERIENCE

Software Engineering Intern Pogeyan Technologies

01/2020 - 04/2020

Bangalore

Task

- Implementing a Robotic Process Automation (RPA) using SAP Conversational Artificial Intelligence (CAI) for the goods receipt scenario.

SKILLS

Java

Python

Machine Learning

Web Development

Oracle/MongoDB

C

Image Processing

Data Structures

Algorithms

Android

VOLUNTEERING EXPERIENCE

RIT-Sponsorship Core Committee Volunteer
(11/2017 - Present)

Aided in bringing various companies, organizations and brands to visit our college during the annual fest, called Udhbav. This helped me develop strong leadership and communication skills.

RIT-Nature Club Volunteer (11/2018 - 11/2018)

Participated in the walk-a-thon to aid in the mission of banning excessive bursting of fire crackers. Designed, created and displayed posters to support the cause.

7 Cups-Listener (06/2020 - Present)

Currently volunteering as a Listener to help people with issues such as mental health and anxiety, at the organization of 7 Cups, California.

CERTIFICATES & ACHIEVEMENTS

Machine Learning- Cognitive Classes of IBM 📄

Certified in Machine Learning: Offered by Cognitive Classes of IBM

Database Management Systems-NPTEL

NPTEL Certified in Database Management Systems: Offered by IIT Madras with a recognition of Elite performance

International Conference- ICRITSCA (07/2019 - 10/2019)

Presented the paper entitled 'A Survey On Multilingual Code Switching in Social Groups' at the International Conference on 'Recent Innovative Trends in Computer Science and Applications' (ICRITSCA -2019) at Ramaiah Institute of Technology. This is paper currently under the process of being published.

Core Java-NIIT

Certified in Core Java by the academic council of NIIT.

Discrete Mathematics-NPTEL

NPTEL Certified in Discrete Mathematics: Offered by IIT Madras with a recognition of Elite performance.

INTERESTS

Artificial Intelligence

Virtual and Augmented Reality

Big Data