

# Vaishnavi R

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## Education

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### National Degree College, Bangalore Central University, Bangalore India.

October 2022

Candidate of Master of Science - Computer Science; Aggregate Percentage: 97.84%. CGPA: 10/10

Courses: Data Science, DBMS, Python, Operating System, Object Oriented Analysis and Design, etc.

### Government First Grade College, Kuvempu University, India.

September 2020

Candidate of Bachelor of Science – Physics, Mathematics, and Computer Science; Percentage: 95%

Courses: Java, Software Engineering, Data Structure and Algorithms, Unix, C, C++, etc.

### Government Pre-University College, Karnataka Board, India.

March 2017

PUC (12th) - Percentage: 85%.

### Government Junior College, Karnataka Board, India

April 2015

SSLC(10th) - Percentage: 92.64%.

## Skills Summary

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- Programming : Python (Numpy, Pandas, Matplotlib), Java, SQL, HTML, CSS, PHP, C, C++.
- Database : MySQL, FireBase database – NoSQL, WAMP Server.
- Tools : Jupyter Notebook, Google COLAB, Eclipse, Netbeans, Android Studio, GitHub.
- Soft Skills : Teamwork, Time management, Good verbal and written communication skills.

## Projects and Experience

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### Data Science and Business Analytics Internship at The Sparks Foundation. Intern

July-August 2021

- Prediction using Supervised ML and Unsupervised ML : On the Student Dataset and 'Iris' dataset using Python and MS-Excell. Presented findings and suggestions using Data Visualization(matplotlib library-Python).
- Performed 'Exploratory Data Analysis' on 'SampleSuperstore' dataset. Visualized the data and presented findings according to needs where sales and profit are high and less. Suggested improvement in the profit in other states where there is low sale or profit by giving discount and various offers.

### We-Care Smart Patient Monitoring & Smart Hospital Management System

June-September 2022

- Built an **Android app** that provides smart and better access to healthcare management and also works as smart patient monitoring app. This project is developed by combining Android with IoT sensors.
- Doctors and Nurses can smartly monitor and manage their patients.
- Utilised technologies: Android Studio, Firebase database, IoT sensors, ThingSpeak cloud.

### Grow Wealth - Virtual Stock Trading Platform (Web development Project)

November–February 2022

- Developed a website for the users to learn basic stock trading. Providing the services such as Real-time stock quotes, Market & Chart analysis, News & insights.
- Fetching the real time stock details using Google sheet and Sheet DB applications.
- Utilised technologies- HTML,CSS, JS, PHP, WAMP Server-MYSQL Database, GoogleSheet, SheetDB

## **Your Voice - Your Choice** Student feedback system **Project**

June-September 2020

- Designed and developed a project for handling and storing the feedback of students on College faculties, events, library, and canteen which helps for the overall development of the college.
  - This has the facility to generate various types of reports based on feedback.
  - Technologies used: JAVA, JDBC. NetBeans IDE
- ✓ Designed & created a case study for **TRAFFIC SIGNAL CONTROL SYSTEM** for a circle in Bangalore
- ✓ Deploying projects and Programs on the Github platform.

## **Certifications**

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- “Google Data Analytics Professional Certificate” issued by Coursera offered by Google - 2022.
- Certified in “Python Programming”, offered by Wesleyan University, issued by Coursera - Aug 2020.
- “Database Management Essentials”, offered by Colorado University and issued by Coursera- Sep 2020
- “Object-Oriented Programming in Java”, University of California San Diego, Coursera Sep 10, 2020
- “Speak Up” certificate offered by **Infosys** Springboard on June 24<sup>th</sup>, 2021.

## **Leadership Activities, Academic, Additional Achievements**

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- Awarded a merit scholarship for “Excellent Academic Performance” in the MSc-Computer science by National degree college - July 2022
- Honoured by the Kuvempu University, for getting the highest score in Physics subject in BSc PMCs– June 2022
- Awarded **as** “Eccentric Talent” (**“Asaadharana Prathibhe”**) by “The Women and Child Welfare Department” of Karnataka State, India, for **achieving greatness in academic success as well as success in extracurricular activities such as singing, dancing, and painting.**
- As a team head, won 1st prize in NATIONAL ROLE PLAY conducted by **NCERT** in Bangalore and represented SOUTH INDIA in DELHI NCERT CAMPUS in 2014.

## **Additional Information**

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- Languages known : English(Proficient), Kannada(Proficient), Hindi(Bilingual).
- Optimistic and Dedicated, Sincerity towards my work, and willing to work hard have always helped me achieve my goals.