

# SWATI HEBBAR

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## Objective

To kickstart my career in the software industry as a fresher, leveraging my strong technical skills and passion for coding. I am seeking a software role that provides me with opportunities to learn and grow, while allowing me to contribute to the development of innovative software solutions. I am eager to work in a collaborative environment, where I can apply my knowledge and problem-solving abilities to deliver impactful results. My objective is to establish myself as a proficient software professional and make valuable contributions to the organization's success.

## Education

Degree	Institution/ University	CGPA/ Percentage/ Grade	Year of Completion
BE	St. Joseph Engineering College Mangalore, Visvesvaraya Technological University (VTU)	8.86	2023
12th	YTSS PU College Yellapur, NK DT 581359, Karnataka	93.5%	2019
10th	Government High School Gullapur Yellapur Taluk U.K District	95.2%	2017

## Semester-wise SGPA

I SEM	II SEM	III SEM	IV SEM	V SEM
9.00	9.55	8.38	9.04	7.72

VI SEM	VII SEM	VIII SEM
9.00	8.55	9.61

## Skills

- ❖ **Programming:** Python, C, Java, HTML, CSS, JavaScript, ReactJS, SQL, OOC in Java
- ❖ **Software's:** Anaconda (Spyder, Jupyter), VS Code, Code Blocks, Apache NetBeans IDE 12.0
- ❖ **Operating Systems:** Windows, Linux
- ❖ **Packages:** MS Office

## Projects

### Student Attendance Management System (Oct 2021 – Jan 2022)

- Three panels: The project consists of three panels, namely Admin, Faculty, and Student. Each panel serves a specific role and provides different functionalities and access levels based on the user's role.
- Admin panel: The Admin panel is designed for administrative purposes. It allows authorized administrators to manage and oversee the attendance system. Admins have the authority to view and modify attendance records, add or remove users, and perform administrative tasks related to the attendance management system.
- Faculty panel: The Faculty panel is specifically tailored for faculty members. Faculty can access attendance-related information for the courses they are teaching. They can view attendance records, mark attendance for their respective classes, and generate reports for their courses.
- Student panel: The Student panel is dedicated to students. Students can access their attendance status through this panel. They can view their attendance records, check their overall attendance percentage, and monitor their attendance progress in various courses.
- PhpMyAdmin as Backend: PhpMyAdmin, a popular web-based database management tool, is used as the backend for this project. It provides an interface to manage the database system efficiently. PhpMyAdmin allows you to perform tasks such as creating and modifying database tables, executing queries, and managing user privileges.
- Python as Frontend: Python is utilized as the frontend programming language for this project. Python offers a wide range of frameworks and libraries that facilitate the development of user-friendly and interactive interfaces. With Python, you can design intuitive interfaces for the Admin, Faculty, and Student panels, enabling smooth navigation and seamless user experience.

## **Find Your Paradise (May 2022 – Jul 2022)**

- A tour booking Android Application: The Android application you developed serves the purpose of facilitating tour bookings. It allows users to plan and book tours to various destinations conveniently from their Android devices.
- Developed using Android Studio: The application was built using Android Studio, which is the official Integrated Development Environment (IDE) for Android app development. Android Studio provides a robust set of tools and resources for designing, coding, and testing Android applications.
- Includes options to select tourist places: The application offers users a selection of tourist places to choose from. Users can browse through a list of available destinations, view details about each place, and select the ones they are interested in visiting during their tour.
- Options to select date: The application incorporates a feature that enables users to select the desired date for their tour. They can specify the starting date of their trip based on their preferences and availability.
- Payment using UPI ID: To facilitate seamless and secure transactions, the application allows users to make payments using their UPI (Unified Payments Interface) ID. UPI is a widely used payment system in India that enables instant money transfers between bank accounts.
- By integrating UPI as a payment method, users can conveniently complete their tour bookings by entering their UPI ID and authorizing the payment. This ensures a smooth and hassle-free payment experience within the application.

## **Music Player App (Aug 2022 – Sep 2022)**

- Music player app is react-based project: The music player app you developed was built using the React framework, which is a popular JavaScript library for building user interfaces. React allows for efficient and modular development, enabling a smooth and responsive user experience.
- Used Node server as a Backend: To support the functionality of the music player app, you utilized a Node server as the backend.
- Music is categorized on genre manner: The app implemented a categorization system where music tracks were organized based on their genre. This categorization helps users easily discover and navigate through different genres, allowing them to explore and enjoy music based on their preferences.
- User is free to choose the music he/she wants to listen: The music player app empowered users with the freedom to select the music they wanted to listen to. They could browse through the available

music tracks, explore different genres, and choose their desired songs to enjoy a personalized listening experience.

- Features like play, pause, forward, and backward: The app incorporated essential features such as play, pause, forward, and backward controls. Users could start playing a selected song, pause it when needed, and skip forward or backward to the next or previous track, respectively. These controls provided users with full control over their music playback experience.

## **Desktop Voice Assistant (Oct 2022 – May 2023)**

- To use this assistant Firstly, you have to sign up for a customized experience or use a trial version. Once you have done that, you can use the wake-up word to activate the assistant. The voice assistant will then capture audio input from you in the specified language, which can be English, Kannada, or Hindi.

After you have provided the input, you need to wait for a response. The voice assistant will then convert your audio input into text using speech recognition software. Natural language processing techniques are then used to parse the user's text and extract the intent and relevant parameters.

- If necessary, the voice assistant will request additional information from you to clarify your intent or better understand the parameters. Based on the user's intent and parameters, the assistant will determine the appropriate action to take. This could involve completing a task, retrieving information, or providing an answer to your question.
- To generate a response, response generation techniques are used, which involve selecting the most appropriate text based on the user's intent and parameters. The response is then converted into speech using text-to-speech software, so the voice assistant can give the final response to you in a natural-sounding voice.
- Once the voice assistant has provided the final response, the process ends. Overall, using a voice assistant involves a combination of advanced technologies such as speech recognition, natural language processing, response generation, and text-to-speech software, all working together to create a seamless experience for the user.

## **Internship**

### **Zephyr Technologies and Solutions PVT LTD, Mangalore**

#### **ReactJs Intern, Aug 2022 - Sep 2022**

- Developed responsive user interfaces using ReactJS, ensuring seamless and visually appealing web experiences.
- We learned about JSX which is a Hybrid of JavaScript and HTML, Components, props, styling

elements in React, hooks in React such as useState, useEffect, and React Lifecycles(Mount, Update, and Unmount), and also about the advanced features of React, useContext and its uses, useReducer hook, navigating through pages using react-router, making use of browser DevTools, data modeling, setting up mock API server, building the UI and integrating it with API.

- Engaged in code reviews, providing constructive feedback to peers and implementing best practices for code quality.
- Actively participated in team meetings and brainstorming sessions, contributing innovative ideas for project enhancement.
- Demonstrated strong problem-solving skills and a proactive attitude, consistently meeting project deadlines and milestones.

## Certification Courses

- C For Everyone - Programming Fundamentals from Coursera (Aug 2020 – Sep 2020)
- Web Development from Internshala (Aug 2020 – Sep 2020)
- Programming Essentials in Python from OPEN EDG (May 2022 – Jun 2022)
- Data Analytics With Python from NPTEL (Jan 2022 – Apr 2022)
- Introduction to Internet of Things from NPTEL (Jan 2022 – Apr 2022)
- Cryptography and Network Security from NPTEL (Jul 2022 – Oct 2022)
- Cloud Computing from NPTEL (Jul 2022 – Oct 2022)