

# **PRAJWAL GOWDA M**

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## **SUMMARY**

Recent Computer Science graduate with strong proficiency in programming languages including Java, Python, and C++. Demonstrates a solid foundation in object-oriented programming, data structures, and algorithms. Equipped with excellent problem-solving skills and a collaborative mindset, developed through hands-on group projects and extracurricular involvement. Eager to apply technical expertise and contribute to a dynamic software development team.

## **EDUCATION**

**Bachelors in Computer Science and Engineering:** K S School of Engineering and Management, Bengaluru

**CGPA:** 8.41 Oct 2020 – May 2024

**Relevant Coursework:** Database Management Systems (DBMS), Data Structures, Operating Systems, Computer Networks, Web Development, Computer Graphics, Mobile Application Development, Object-Oriented Programming, Artificial Intelligence and Machine Learning, Problem Solving using C Programming.

## **TECHNICAL SKILLS**

**Programming:** C/C++ (Intermediate), Java (Intermediate), Python (Intermediate)

**Web Technologies:** HTML (Advanced), CSS (Intermediate), JavaScript, Bootstrap

**Database:** MYSQL

**Data Analysis:** NumPy, Pandas, Matplotlib

**Developer Tools:** VS Code, MongoDB, Postman, Eclipse, Android Studio

## **PUBLICATIONS**

**Published a paper in the TIJER - 'BRIDGING THE GAP BETWEEN VISION AND LANGUAGE WITH NEURAL NETWORKS'** Issued on 1<sup>st</sup> January 2024

**Published a paper in the IJRASET – 'CAPTIONIFY: BRIDGING THE GAP BETWEEN VISION AND LANGUAGE WITH NEURAL NETWORKS'** Issued on 5<sup>th</sup> May 2024

## **INDUSTRY PROJECT**

- 1. Lip to Speech and Text Synthesis.** (ML with Python) **Mar 2023-Apr 2023**  
The model recognizes the words by taking input video recognizing the lip movements and synthesizing text by using the datasets of the model to match the words.
- 2. Pizza Shop Website Development.** (HTML, CSS, JavaScript, and PHP) **Nov 2023-Dec 2023**  
Developed a fully functional pizza shop website that allows users to browse the menu, customize their orders, and complete payments online. Implemented a user-friendly interface and secure payment gateway, utilizing a combination of front-end and back-end technologies.
- 3. Image Caption Generator using CNN and LSTM.** (HTML, CSS, Bootstrap, JS, MYSQL) **Aug 2023-May 2024**  
The "Image Caption Generator" project aims to develop a system that automatically generates relevant captions for images. This is achieved by integrating Convolutional Neural Networks (CNN) and Long Short-Term Memory (LSTM) networks.
- 4. Text-to-Image Generator Website.** (AI with Python and Diffusion Models) **May 2023-Jun 2023**  
Developed an AI-based website that generates images from text descriptions using diffusion models. The system processes user input, interprets text, and produces corresponding images by leveraging pre-trained models and fine-tuned datasets for enhanced accuracy.

## **ACADEMIC PROJECTS**

- 1. Converter Application. (Java, Android Studio)** **Apr 2023-Jul 2023**  
Converter App helps us to convert the units from Celsius to other temperature units and currency from Indian rupees to other foreign currencies
- 2. Online Examination System. (MYSQL, HTML)** **Jul 2022-Jan 2023**  
The Online Examination System (OES) is a comprehensive web-based application designed to streamline the process of conducting exams in an online environment. The system is developed using a robust database management system(DBMS) to ensure efficient data storage, retrieval, and management.

## **EXHIBITION REVIEW**

- Participated in a state-level project exhibition organized by the Department of Information Science & Engineering at Atria Institute of Technology, Bengaluru, on April 30th, 2024.