

J A Y K A D A M

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OBJECTIVE

With unwavering dedication and a strong commitment to the field of computer science, my primary objective is to delve deeply into visual recognition intricacies and address challenges within the computer vision domain. I aim to drive advancements in this realm, contributing to the progression of computer science.

EDUCATION

1. Bachelor of Engineering: Information Technology Engineering

College Name: Vidyalkar Institute of Technology

Board: Mumbai University

Current Aggregate: 7.96/10

Year	Semester	GPA/Percentage
1 st (2017-2018)	I	6.52
	II	7.52
2 nd (2018-2019)	III	7.38
	IV	6.81
3 rd (2019-2020)	V	7.04
	VI	8.92
4 th (2020-2021)	VII	9.65
	VIII	9.81

2. Higher Secondary Certificate:

College Name: Navneet Junior College of Arts, Science and Commerce

Aggregate: 66.92%

Board: Maharashtra State Board

Class: First Class

3. Secondary School Certificate:

School Name: The Dadar Parsee Youths Assembly High School

Aggregate: 79.40%

Board: Maharashtra State Board

Class: Distinction

PROFESSIONAL/INTERNSHIP EXPERIENCE

Name of Company: Kesari Tours Pvt Ltd

Duration: From 5th December 2022 to 10th June 2023

Title: Python Developer Intern

Duties: Contributed to diverse in-house projects involving the implementation of case studies such as the Airline reservation system. Additionally, worked on projects focused on temperature detection using Arduino with GPIO libraries and the in-built libraries of Arduino interfaced with Raspberry Pi and DS18B20 temperature sensor probe. Also, participated in a project involving Smile Recognition utilizing relay modules on Raspberry Pi, employing GPIO, Cv2, NumPy modules, and a camera to detect and display on-screen indications of a person's smile or non-smile status via a solenoid lock.

Name of Company: ATOS Global IT Solutions and Services Private Limited

Duration: From 13th January 2022 to 09th November 2022

Title: Associate Engineer

Duties: Worked for U.S based Conduent client which supports 100+ companies across the globe such as Lockheed Martin, Humana Inc, Pwc etc. Handled tasks such as ticket CRUD operations and reporting high-priority issues to the appropriate Engineering/Consulting teams using the Service Now application and also assisted clients with other tasks such as network change requests and also granting/revoking access to other in-house Atos technology/Services.

PROJECTS

- **FINAL YEAR PROJECT** (Mar -2021):

Title: Supermarket Navigation

Details: My culminating project involved creating an online shopping SuperStore App that emulates various store categories, including Grocery, Clothing, and Electronics. Users can select items from the App, and the A* algorithm calculates the shortest path between the selected items, displaying it on a Unity-created 2D store layout in reference to the item list/cart, following the path user can traverse the store efficiently resulting in lessening of overall foot traffic in the store, the App also had an admin dashboard for store items management that fetched real-time data from firebase.

- **MINOR PROJECTS:**

Title: Face attendance system with real-time database (Nov 2022)

Details: In my exploration of OpenCV, I developed a face attendance system using a face recognition library suitable for educational institutions like schools and colleges. This system detects and recognizes faces in real-time, storing user face details in Google Firebase real-time database. Upon detection and recognition, the system retrieves user data, including hash IDs and specific academic information, marking their attendance on the graphical user interface upon validation.

Title: Golang -Restaurant Management-Backend (Jan 2023)

Details: The project presents a comprehensive backend model of a functional restaurant management system developed in Golang. It includes distinct categories like menu item addition, invoice receipt creation, user-specific order IDs for tables, and employs JWT authentication for user access. Postman serves as the querying interface for this system.

TECHNICAL PAPER

Journal Name: International Journal of Engineering Research and Applications

Paper Title: A Survey on Supermarket Navigation using Artificial Intelligence

Paper Type: Technical Paper

Issue: Volume. 11, Issue 5, May 2021

COMPUTER SKILLS

- **Operating System:** Windows, Linux
- **Languages:** C++, Python, Golang, SQL, HTML, CSS, JavaScript, React.js, PHP
- **Databases:** MySQL, MongoDB, Google Firebase, PostgreSQL
- **Tools & Frameworks:** Django, Flask, Node.js, Git, Docker, Kubernetes, Jenkins, AWS, Service Now
- **Application Software:** Visual Studio Code, Android Studio, Jupyter Notebook, Emacs

CO-CURRICULAR ACTIVITIES

- Technext `17 (Ethical Hacking Seminar & Robotics) – 2017
 - Participated in various events at Technext`17 which is a tech fest of Thadomal Shahani Engineering College conducted by the Computer Society of India-TSEC.
- SilverZone Foundation, New Delhi, India – International Olympiad of Mathematics 2016
 - Participated in a mathematics exam in that secured a class rank 21.
- Robotics Summer Camp, Mumbai – 2013
 - Over the summer attended a robotics workshop and developed an LDR circuit and also a factory robot that follows black line with the line sensors as the capstone project.

EXTRA CURRICULAR ACTIVITIES

- VIT Student Council Creatives Department (2017-2019)

Started as a volunteer and over the years became a core member of the creatives team which was responsible for brainstorming the college cultural fest themes, designing college layouts and art installations for student attraction and also was responsible for designing costumes and props for the intercollege Fashion show team.
- Participated in various Western Musical plays performed at High school such as Wizard of OZ and Sound of Music.