

# SHRADHA PRIYA

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## EDUCATION

**Bharati Vidyapeeth Deemed University – Pune, India**

Jul 2019-July 2023

Bachelor of Technology, Computer Engineering

Cumulative CGPA: 8.60

- Coursework: Data Structure, Design and Analysis of Algorithms, Operating System, DBMS, OOPS

Kerala Samajam Model School-Jamshedpur

Apr 2017- May 2019

Cumulative CGPA: 8

## TECHNICAL SKILLS

- Languages-C++, Java, Python, JavaScript
- Full Stack Development- HTML, CSS, JavaScript
- Database -MySQL
- Developer Tools- VS Code, Git
- Networking-TCP/IP, LAN/WAN
- Operating System-Linux

## WORK EXPERIENCE

Data Science Intern

Jul 2021 – Sep2021

Tata Steel, Jamshedpur

- Improved data science model accuracy by 20% through Python implementation.
- Extracted valuable insights from a dataset of 10,000+ data points, identifying key trends.
- Streamlined communication and increased project efficiency through collaboration with internal and external stakeholders.

## PROJECTS

Smart Traffic Light Control | Python, OpenCV [\(Links\)](#)

Nov 2022 – Jun 2023

- The project is made to manage traffic time dynamically between two directions.
- We used python Tkinter library to build the GUI, first we made an animation to simulate which direction is granted to move, add to this the traffic lights itself animated also,
- Used 2 different terminals as the detection module and the GUI program can't run on the same thread.

Responsive Blog Website |React, JavaScript, HTML, CSS, Version Control

May 2023 – Sep 2023

- The responsive blog website demonstrates your expertise in frontend development, U/IX design, and collaboration.
- It serves as a tangible representation of your skills in React, JavaScript, HTML, CSS, version control, and testing methodologies. Additionally, the user engagement features highlight your ability to create interactive and user-focused web applications.

Goodies to Foodies | HTML, CSS, JavaScript

Nov 2021 - Jan 2022

- Designed and developed a webpage showcasing various cuisines from different cities of India, featuring more than 50 unique dishes.

To-Do List Application | Java, Data Structures

Nov 2023 - Present

- Developed a console-based To-Do List application in Java, allowing users to add, view, and remove tasks.
- Utilized Java programming language and basic data structures to implement task management functionality.
- Demonstrated problem-solving skills by creating an intuitive user interface for task management.

Student Grade Calculator

May 2022 - Jul 2022

- Created a C++program that allows a teacher or student ot input grades for multiple subjects and calculates the average grade.

## CERTIFICATIONS

Oracle cloud Infrastructure

Aug 2023-Aug 2025