

# SHIMUL GUPTA

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## EDUCATION

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

Jul 2019-July 2023

Bachelor of Technology, Computer Engineering

Cumulative CGPA: 8.40

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

St. Francis Convent Sr Secondary School - Bareilly

Apr 2016-May 2018

Cumulative CGPA: 8.50

## TECHNICAL SKILLS

- Languages- 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

Intern

Jul 2022 - Aug 2022

CDAC, Noida

- Identified areas for improvement in project stages, leading to a 25% increase in project efficiency and a 15% decrease in cost overruns.
- Developed a new tracking mechanism for Drug and Vaccine Distribution Management, reducing supply chain delays by 45%.

## PROJECTS

Smart Traffic Light Control | Python, OpenCV

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 a 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.

Fitness Tracker | MySQL

May 2023 - Aug 2023

- Created a MySQL database to track fitness activities and goals.
- Define tables for workouts, exercises, goals, and user profiles.
- Implemented SQL queries to log workouts, track progress, and set goals.

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.

## VOLUNTEER EXPERIENCE

**Rotaract Club of Pune's Yuva - Pune**

*Vice-President*

Jul 2020– Jun 2021

- Spearheaded various events in the avenue of professional, community, International and Club service at college level and raised a funding of ₹20,000 for donation of sanitary pads.

**IGT-Manager, Aiesec - Pune**

Aug 2020-Jul 2021

- Coordinated international talent exchanges and managed cross-cultural integration as an IGT Manager at AIESEC in Pune.

## CERTIFICATIONS

Oracle cloud Infrastructure

Aug 2023-Aug 2025