

# KUNAL YADAV

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## EDUCATION

### IET LUCKNOW

MASTER OF COMPUTER  
APPLICATIONS  
Aug 2022 | Lucknow, India  
CGPA : 8.87 / 10.0

### BUNDELKHAND UNIVERSITY

BACHELOR OF SCIENCE  
Aug 2019 | Rath, India

## COURSEWORK

### POSTGRADUATE

Operating System  
Computer Architecture  
Simulation and Modelling + Practicum  
Theory of Computation  
Databases  
Blockchain + Practicum  
Cybersecurity and Cryptography  
Mobile Computer Networks

## SKILLS

### LANGUAGES

Proficient:

C/C++ •  
HTML+CSS • Java •  
MySQL •

Familiar:

Python •

### FRAMEWORKS

Familiar:

Maven(Java) • JavaServer Pages(JSP)  
Springboot • Spring MVC • Bootstrap  
Rest APIs • Restful WebServices •  
Microservices  
Servlets • Node.js

### CONCEPTS

Proficient:

Database Management System •  
Data Structure and Algorithms •

Familiar:

Blockchain Technology • Internet of  
Things(IOT) •

### TOOLS

Linux • Git • Bash  
VS-Code • Postman  
Amazon Web Services • Docker

## PROFESSIONAL EXPERIENCE

### NAGARRO

ASSOCIATE SOFTWARE ENGINEER  
Dec 2022 - Present | Gurugram, India

- Worked on opencv library in c++.
- Worked on computer vision related project.

### SOFTWARE ENGINEER TRAINING

Sep 2022 - Dec 2022 | Gurugram, India

- Worked on C, C++ advance concepts like **Exception Handling, Standard Template Library(STL) and Memory Management.**
- Worked on **JAVA Full stack development**, closely worked with backend team.

### OSMOSSIS

#### WEB DEVELOPER INTERN

Dec 2021 - Jan 2022 | Noida, India

- Implemented student's hours counting mechanism to count how many hours they have spent on a particular course **HTML, CSS, Bootstrap** and **MySQL** were used.
- Closely collaborated with the front-end team for responsive web pages

## PROJECTS

### DESKTOP NAVIGATION USING HAND GESTURE

| PYTHON PROJECT

Jun 2022 - April 2022

An Assistance that enables us to control the system remotely, according to your hand movements and fingers' instructions, using Python module like **OpenCV, NumPy, PyAutoGUI** and **MediaPipe**.

### RESTAURANT MANAGEMENT CONSOLE APPLICATION

| C++ CONSOLE APPLICATION

Nov 2021

Implemented a restaurant management console application and a console interface with the help of **OOPs concepts** and **Data structures** Like **Linked List**.

### RESULT MANAGEMENT SYSTEM

| WEB DEVELOPMENT

Oct 2022 - Nov 2022

As a part of my Training project, I created a result management web portal using responsive web design and interactive web pages that uses **Nodejs, JavaScript** and **ExpressJS**.

## ACHIEVEMENTS AND ACTIVITIES

- 3 ★ (rating: 1648) on **CodeChef**
- 160+ submissions on **GFG**
- 1<sup>st</sup> rank in **Vedic Mathematics** competition in school at district level
- 212 rank in Codechef's December cook-off 2022 among 7800+ participants
- 314 rank in Codechef's August cook-off 2022 among 6000+ participants
- 4827 global rank in **TCS CODEVITA Season-10, 2022**