

# NIKHIL SHARMA

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[github.com/nikhilsharma](#) [Leetcode/NikhilSharma\\_LC](#) [GeeksforGeeks/nikhilsharmacsgeek](#) [CodeChef/nikhil\\_cse](#)

## EDUCATION

### University School of Information, Communication and Technology, GGSIPU

Bachelor of Technology in Computer Science and Engineering – CGPA 8.8/10.0

August 2019 – June 2023

Dwarka Sec 16C, Delhi

### Rajikya Pratibha Vikas Vidyalaya

Class XII CBSE Board – Percentage 86/100

April 2018 – March 2019

Shalimar Bagh, Delhi

### Government Boys and Girls Senior Secondary School

Class X CBSE Board – CGPA 10.0/10.0

April 2017 – March 2018

Ashok Vihar, Delhi

## EXPERIENCE

### Utkrisht Summer Intern, ACM USICT

July 2022 – August 2022

University Internship and Mentorship Programme

[Project Github Link](#)

- Developed a Community Platform named UDF-USICT Discuss Forum using MERN Stack, Students can create posts according to their interests like Academics, Coding, Exams, etc. Other students can also discuss the post via the comment section below.
- This platform has a similar foundation and idea taken from popular websites like the Stackoverflow community section, Leetcode discussion section, GFG interview experience sections, and desiQnA discussions.
- Incorporated technologies like MongoDB to store User Profiles and Images along with User Authentication, ExpressJS and NodeJS to create Backend, ReactJS and MaterialUI to develop Frontend, libraries like axios, multer, nodemon, bcrypt, etc. to handle file upload and requests between client and server

## PROJECTS

### Portfolio Website | [Portfolio Link](#) | Next.js, Tailwind, HTML, CSS, Javascript, Vercel

November 2021

- A Simple, beautiful, and Interactive Portfolio website, created Using Next.js and Tailwind.
- Divided into 2 sections, left section consists of profile links, downloadable resume, and other details
- The Right section navigates to multiple tabs consisting of project details, certifications, and about Section.

### Pairsonality - Celebrity Face recognizer | [Github Link](#) | Python, openCV, haarCascade, Flask

January 2023

- An Image Classification based Machine Learning Project Created in jupyterNotebook using haarCascade and openCV
- Here, we collected raw images of celebrities, cleaned the data, used supervised learning, trained the model, and deployed it by creating a backend server in Python Flask
- We also created a frontend page using HTML, CSS, and JS where we can upload any facial image, and the model will give us the face similarity from those 10 celebrity classes we trained in this model

### LicensePlateSpotter - License Plate Detection and OCR Recognition | [Github Link](#) | Python, tensorflow.keras, Flask

June 2023

- Object Detection based Project is created along with Optical Character Recognition (OCR) Technique. The Actions include training our model with labeled License Plates and Applying the OCR technique to recognize the text written on the License Plate, also Frontend Platform is created to showcase the result.
- Development of Backend using Python Flask as Machine Learning Models server and for the creation of our webpage, we used HTML, CSS, and JS along with Bootstrap.
- Also used various libraries like numpy, pandas, matplotlib, cv2, sklearn, pytesseract, etc.

## TECHNICAL SKILLS

**Languages:** C++, Java, Python, HTML, CSS, JavaScript, Typescript, SQL

**Developer Tools:** VS Code, Pycharm, Git, Google Cloud Platform, Anaconda, JupyterNotebook, TensorFlow

**Technologies/Frameworks:** React.js, MongoDB, Node.js, Bootstrap, Next.js, Tailwind, MaterialUI, openCV, Flask, haarCascade

## CERTIFICATIONS

- Architecting with Google Compute Engine | 5 Course Accelerated Specialization by Coursera | [Certificate Link](#) | March 2021
- The Complete 2022 Web Development Bootcamp by Angela Yu | Udemy Course Certification | [Certificate Link](#) | January 2022

## ACHIEVEMENTS

- Solved around 300+ DSA problems on Leetcode and GFG.
- Secured 81th Rank in CodeChef Long Challenge Div.3 Oct 2021 Among 20K+ Participants.
- Earned 100+ Labs and 15+ Quests on Qwiklabs (GCP labs).
- Executive Member of CodeChef USICT Chapter and Training and Placement Cell Member while in college.