Dev Bachani

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# EDUCATION

## NIRMA UNIVERSITY

### B.Tech in Computer Science and Engineering

2021 - 2025 | Ahmedabad, Gujarat

## SHIV ASHISH SCHOOL

### CBSE (CLASS XII)

2021 | Ahmedabad, Gujarat Percentage: 90%

## EUROSCHOOL

### CBSE (CLASS X)

2019 | Ahmedabad, Gujarat Percentage: 93%

# LINKS

Github: [Dev22603](https://github.com/Dev22603)

LinkedIn: [devbachani](https://www.linkedin.com/in/devbachani/)

Codeforces: [Dev\_Bachani](https://codeforces.com/profile/Dev_Bachani) CodeChef: [dev22603](https://www.codechef.com/users/dev22603) LeetCode: [Dev22603](https://leetcode.com/Dev22603/)

# COURSEWORK

## UNDERGRADUATE

* Data Structures & Algorithms
* Object Oriented Programming
* Programming for Scientific Computing
* Mathematics I, II, III, IV
* Operating Systems
* Database Management System
* Web Technologies

# SKILLS

## PROGRAMMING

Languages:

* C++ • Python • C
* Java • JavaScript • Node.js

Technologies:

* HTML • CSS
* R-DBMS • SQL

Tools:

* Git • GitHub • MySQL

Frameworks:

* React.js

# EXPERIENCE

**COMPUTER SOCIETY OF INDIA** | Executive Member

Sept 2022 - Present

* + Part of the Organizing team of Cubix’23 event

# PROJECTS

## YOUTUBE DOWNLOADER

* Language: Python
* Libraries used: pytube, CustomTkinter and Tkinter
* Essential features: URL extraction, resolution options, progress monitoring, and seamless video downloading.
* All downloaded videos are conveniently saved in the Downloads folder.
* [GitHub](https://github.com/Dev22603/YouTube-Downloader)

## IMAGE PROCESSING TOOL

* Used libraries like OpenCV, Pillow, Matplotlib, and Tkinter to build a GUI

application that performs functions of image processing like Gaussian blur, edge detection, colour to gray-scale conversion, and also displays histogram.

* Language: Python
* [GitHub](https://github.com/Dev22603/Image-Processing-)

## E-COMMERCE SITE

* Built a Front-end E-commerce site for an Electronic store using HTML, CSS and

Javascript

* Allows the user to add products to the cart and calculate the total amount to be paid
* Allows the user to modify the shopping cart
* [GitHub](https://github.com/Dev22603/E-Commerce-Site)

# KEY ACCOMPLISHMENTS

* Solved more than 500 problems on Codeforces
* Solved more than 100 DSA problems on LeetCode
* Max Rating: 1538 on LeetCode
* 2 Stars on CodeChef (Max Rating: 1443)
* 5-star in Python and 5-star in Problem solving on HackerRank

# CERTIFICATES

[•Supervised Machine Learning: Regression and Classification](https://coursera.org/share/61d7a9a236a035c55b68311c325922af)

[•Unsupervised Learning, Recommenders, Reinforcement Learning](https://www.coursera.org/account/accomplishments/verify/P66KAF2E7N3Z)

[•Python Language Course (Aug 2022 - Present)](https://olympus1.mygreatlearning.com/course_certificate/BCEFFFJL)