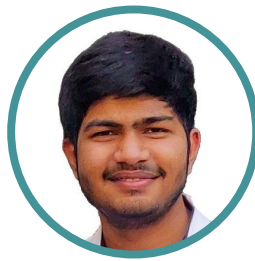


# Dhruv Panchal

## Developer

I'm an undergrad student pursuing a Bachelor's degree in Computer Engineering who is obsessed with the idea of improving himself and wants a platform to grow and excel.



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github.com/dhhruv 🐙

## WORK EXPERIENCE

### Machine Learning Intern IIT Dehli (IITD-AIA)

06/2021 - Present

- **Fault Prognosis and Classification** for **Lathe Machines** using Machine Learning for **Smart Manufacturing**.
- Build **Real-time Dashboard** to show the condition of the Lathe Machine using **Streamlit**, **Docker** and **API**.

### Data Science Intern BrainyBeam Technologies Pvt. Ltd.

05/2021 - 06/2021

- Build a **Recommender System** with **Sentimental Analysis**.

### Python Intern InfoLabz Pvt. Ltd.

05/2021 - 06/2021

- Build a **System to Scrap Data** from various websites as well as **build API** for **Automating** some services for the Company.

## PROJECTS

YouTua (12/2020 - Present) 🔗

- Developed a **GUI Software** with the help of **Python** and **Tkinter**. Currently **300+ Downloads** on GitHub.
- User can **Download, Extract and Post-Process Videos and Audios** from various supported Websites on his/her device.
- **Zipped** the Software with **FFMPEG** for **better post-processing features**.

Vac-Cowin (04/2021 - 06/2021) 🔗

- Designed and Developed a **Command Line Interface Tool** with **Python** to **ease the Vaccination Booking Process**.
- The Script uses the **Co-WIN API** provided by the **Government of India** to **Book Vaccination Slots** for the Citizens.
- User can **Generate & Confirm OTP**, enter their **Preferred Parameters** for taking Vaccination and the Script will find and **Book a Vaccination Slot** after the **User gives Confirmation**.

CAS (02/2021 - 03/2021) 🔗

- Designed and Developed a **Contactless Attendance System (CAS)** where the **Face** of an Individual is taken for performing **Automated Attendance** using **Machine Learning and Python**.
- The Proposed System **reduces Manual Process Errors** by providing a reliable system using the **Facial Recognition Technology** using **Haar Cascade Classifier**.

## EDUCATION

### B.E. (Computer Engineering) LJ Institute of Engineering and Technology

07/2018 - Present

9.23 CPI

### Higher Secondary School (HSC - GSEB) Shayona International School

07/2016 - 03/2018

75%

## SKILLS

Python

Project Management

Problem Solving

Data Science

Competitive Programming

OOPS

SQL

Database Systems

VS Code

Git

DSA

Machine Learning

MATLAB

PyGame

## ACHIEVEMENTS

Skills & Endorsements - (Python, OOP, C, Git & MySQL)  
*Completed Skill Assessments for the mentioned domains in [LinkedIn](#).*

BinarySearch

*Level 80 on [BinarySearch](#) Website for **Competitive Programming**.  
Among **Top 10** in writing **Best Solutions**.*

Google Coding Competitions

*Among **Top 2000** in **Google Coding Competitions** such as **Codejam**, **Kickstart** and **Hashcode** for various Levels.*

Badges

***Gold Badge** for **Python** and **C Language** as well as **Silver Badge** for **C++** and **Problem Solving** in [HackerRank](#).*

## CERTIFICATES

Skills & Endorsements - (Problem Solving, Python, C & Java)

***Skills Verified** for **Basic & Intermediate Levels** for the mentioned domains in [HackerRank](#).*

## ORGANIZATIONS

LJ Institute of Innovation and Entrepreneurship (LJIE)  
(04/2019 - 10/2019)

*Entrepreneur Training - Worked as a part of one of my Projects selected for **Funding**.*

## LANGUAGES

English

*Full Professional Proficiency*

Hindi

*Native or Bilingual Proficiency*

Gujarati

*Native or Bilingual Proficiency*

## INTERESTS

Deep Learning

Software Engineering

Data Analytics

Artificial Intelligence