



# Prathampal Singh Bhamrah

Computer Engineer





## ABOUT ME

Aspiring computer engineer from mumbai with a strong foundation in software development and a diverse technical skill set. Eager to apply my expertise as Python, web or software developer and on innovative projects. Seeking an entry-level position to leverage my education and internship experience in contributing to dynamic and growth-oriented organizations.



## CONTACT

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## SKILLS

**Python**  
**Mysql**  
**Java**  
**DSA**  
**Github**



## EXPERIENCE

### Static.int Educare May 2020 - july 2020

As an intern i was indulged in various technology such as **Python**, **Django**, **Andriod**, **Flutter**, **Blockchain**, **Git** and **Github** on several projects.



## EDUCATION

**BTech, Computer Engineering** 2021 - 2024 7.44 (CGPA)  
Alamuri Ratnamala Institute of Engineering and Technology.  
**Diploma in Computer Engineering** 2018 - 2021 85.31%  
Zagdu Singh Charitable Trust College of MMS Thakur.  
**Secondary School Certificate** 63.20%  
Oxford Public School.



## PROJECTS

### Indian Sign Language Recognition App

Developed a real-time Indian Sign Language (ISL) recognition application in **Python**. The system utilizes **MediaPipe** and **cvzone** for hand detection and tracking. A **Keras** model, trained on a custom dataset of 350+ images per sign using Google Teachable Machine, performs gesture classification. This project leverages **TensorFlow** for deep learning computations within the Keras framework.

### Online Voting System ( Web App)

A robust, scalable web application built using a **full-stack approach**. The front-end leverages **Angular**, **TypeScript**, **HTML**, and **CSS** to provide a user-friendly interface for both admins and voters. The back-end is powered by **Java**, **Spring Boot**, and **DevTools** for efficient development and deployment. **MySQL** serves as the underlying database, storing user information, candidate details, and voting records.

### Covid-19 Case Tracker

Developed a COVID-19 case tracker leveraging web scraping to collect real-time data from external sources (**API's**). The application dynamically visualizes state-level infections and recoveries on an interactive globe using a **JavaScript** framework.



## CERTIFICATIONS

Introduction to Programming Using **JavaScript** (Udemy)  
**C++** Basic To Expert (Udemy)  
**Python** Basics (Udemy)  
Digital Academy - Certification Program in **Java Full Stack** (EduBridge)