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 growth-oriented organizations.

CONTACT

NAME Prathampal Singh bhamrah

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PORTFOLIO https://main--prthampalsingh.netlify.app/

OTHER https://github.com/prathampalsingh

https://www.linkedin.com/in/prathampal-singh-bhamrah-a67a74240

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-stackapproach**. The front-end leverages **Angular**, **TypeScript**, **HTML**, and **CSS** to provide a user-friendly interface for both admins and voters. Theback-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)