



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

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SKILLS

Communication

Web developing

Python

SQL

C++



EXPERIENCE

May 2020 - July 2020

Static.int Educare

As an intern I was indulged in various technology such as **Python, Django, Android, 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.

Car Rental App

Built a car rental app leveraging **APIs** for vehicle availability, pricing and bookings. Integrates with a user-facing mobile interface for real-time search and reservation functionalities.

Portfolio and WebStore for a Band of Musicians

Built a musician band's portfolio & webstore using **HTML/CSS/JS** for a dynamic frontend. **MySQL** database on the backend manages product & show listings. Showcases merch sales, and upcoming gigs with a user-friendly interface.

Covid-19 Case Tracker

Developed a COVID-19 case tracker leveraging web scraping to collect real-time data from external sources (**APIs**). 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)

Introduction to Programming Using **HTML and CSS** (Udemy)