

PRITHVI KISHAN

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I am a Pre-final year Engineering student well versed in both Electronics and Computer Science fields. Looking forward to utilizing and improving my expertise with every organization I work with to develop better technologies.

EDUCATION

07/2018 – 07/2022 **B.E, Electronics and Telecommunication Engineering,**
BMS Institute of Technology & Management *Bangalore, India*

PROFESSIONAL EXPERIENCE

01/2021 – 06/2021 **MATLAB developer intern, MATLAB helper** *Remote*

- Developed MATLAB projects and produced technical work on topics including Twitter Analysis, Face Recognition using MATLAB mobile.
- Assisted clients with 1 on 1 in projects and research work.

02/2020 – 05/2020 **Campus Ambassador, Delhi Technical University** *Remote*

- Represented and advertised TATVA, the Annual Techno-Management Fest organized by the Department of Applied Chemistry, DTU, and enrolled over 300+ participants.

TECHNICAL SKILLS

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|-------------|--------------------|-------|-------------------|
| • MATLAB | • Python | • C | • Version Control |
| • MS Office | • Video production | • CSS | |

PROJECTS

Gesture Controlled Speech synthesizer for the deaf and mute

08/2020 – 12/2020

- Developed a glove capable of gesture detection using flex sensors connected to an Arduino along with a Bluetooth module.
- 2nd place in Project-Based learning competition held at BMSIT, 04/2021.

IPL statistics visualizer

- Helped non-cricket followers to understand cricket statistics and numbers intuitively with the help of graphs and charts in MATLAB. Techniques used were Regex and Web scraping.

Face-Recognition program

09/2020 – 10/2020

- Deployed the AlexNet CNN to train a transfer learning model to recognize people's faces captured using a webcam in MATLAB and achieved an accuracy of 94% on a test dataset.

Automatic song generator

11/2020 – 01/2021

- Developed a program to reference lyrics from the Genius.com API and automatically generate songs in python.
- Techniques used: Web-scraping, Markov graph, Text-to-speech, and audio layering.