



Vaibhav Suri

EDUCATION

(2017 – present)
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, DELHI
ELECTRONICS AND COMMUNICATION ENGINEERING

(Class of 2017)
AHLCON INTERNATIONAL SCHOOL, DELHI
CBSE BOARD

EXPERIENCE

DESIGN EXECUTIVE

BVP ISTE

The design aspects of the BVP ISTE were handled, used Graphic Designing and Video editing skills to make posters, teasers for Workshops and Events.

(2018 - Present)

ELECTRONICS EXECUTIVE

BVP ISTE

Executive in the electronics chapter (ELECTRONIKA) of BVP ISTE.

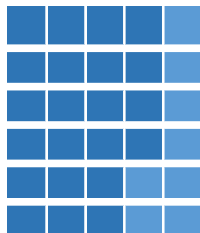
ABOUT ME

Undergrad Electronics Engineering Student whose interests lie in **Computer Vision**, **Micro controllers** and **Mixed Reality**

SKILLS

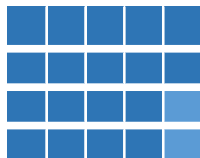
TECHNICAL

PYTHON
UNITY
C / C++ / C#
Arduino / RPI
HTML / CSS
EMBEDDED C



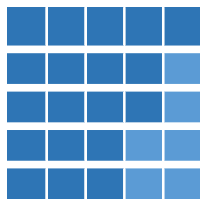
PERSONAL

CREATIVITY
TEAM PLAYER
COMMUNICATION
TIME MANAGEMENT



OTHERS

VIDEO EDITING
PHOTOSHOP
GAME DEV
ANIMATION
OFFICE TOOLS



SDKs and LIBRARIES

VUFORIA	ARCORE
FLASK/DJANGO	SKLEARN
NUMPY	MATPLOTLIB
SCIPY	GOOGLEMAPS
AFFECTIVA	OPENCV

PROJECT

AUGMENTED/VIRTUAL REALITY EDUCATIONAL APP

Augmented Reality was implemented in the Educational Sector. Especially in the parts of BIOLOGY and CHEMISTRY. Vuforia SDK was used.

AR BASED HEAD MOUNTED DISPLAY UNIT FOR DEAF AND DUMB

Reflection based AR was used to display subtitles for the deaf and dumb in their eyes by forming a virtual enlarged image.

FACEBOOK CHAT BOT

A chatbot was made for a page using Facebook developer tools. Python and its libraries like OpenCv were used for the features.

POTHOLE DETECTION SYSTEM AND HEATMAPPING

This project involved the identification of potholes encountered and plot them on a heatmap of a city by sending data to a database (FIREBASE).

AUTOMATIC MEDICINE DISPENSER USING OCR

A prescription was read using the help of OCR libraries, the required dosage of pills were computed and dispensed using a servo mechanism system

AWARDS AND CERTIFICATION

- **FIRST** in NSIT's Hackathon (What the Hack)
- **FIRST** in MSIT's Hackathon (HackMSIT)
- **THIRD** in MAIT's Hackathon (HackMAIT)
- First Runner up in IGDTU's ECE Hackathon
- TOP 10 in BVP's ARDUINO Hackathon
- Participated in BVP EVOTECH project exhibition.
- Participated in IGDTU's Technovate ideathon.
- Participated in HackDelhi-ULTRAHACK