**ATHARVA**

**DESHPANDE**

**PROJECT**

**Project Title : AI Voice Assistant Using Python**

* AI voice assistant using python involves integrating speech recognition,
* Use of library like speech Recognition to convert spoken words into text.
* Nlp library like spaCy or nltk to process and understand the user’s input.
* Instant recognition is defined specific instants for the assistant( e.g., weather,Time, reminders).
* For text-to-speech to allow the assistant to respond audibly the library that is used is pyttsx3 or gTTS (google text-to-speech)
* Included a wake word detection system (e.g, “Hey Assistant”) to activate the Assistant.
* This is commonly used in voice assistant like Alexa, google assistant.

**Collage Project Title : Gesture Controlled Hand**

* Gesture control hand typically involves using Sensors, microcontrollers, and programming.
* Sensors used- Accelerometers, gyroscopes or cameras.
* Sensors are connected to microcontroller that is arduino and can be ugraded to Raspberry pi.
* Lithium ion battery is use to power sensors and the microcontroller.
* Future enhancements or modification are based on user feedback or technology advancements.
* The main objective of the project is to create an full fledge artificial hand for
* Handicap, industries and factories

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**+91 9518976125**

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**301, Abhiram Apartment,**

**161, Sahkar Nagar, Khamla Rd, Nagpur 440025**

**D.O.B: 12/03/1999**

**SKILLS**

Basic hand on excel

Intermediate Stastistics

Technical language

Python, SQL Database

Basic knowledge of

Html, css

**EDUCATION**

**Bachelor of Engineering (Electronics and Communication)**

Tulsiramji Gaikwad Patil Collage Of Engineering And

Technology

08/2016 – 07/2022 7.75CGPA

**INTERNSHIP**

* **Managed event for college.**
* **Coordinated and volunteered**
* **Activity of ECE Department.**
* **FOUNDER OF L.A.C Community manage event like open mic.**
* **Certificate of Webinar in College**
* **Certificate of Speech competition in college**
* **TCS ION knockdown the lockdown certificate**
* **Certificate of several quiz conducted by My Govt.**
* **Python course certificate by University Of Michigan**
* **HTML, CSS and JAVA script certificate by John Hopkins University**
* **Certificate by World Health Organization on how to ware (ppe kit) in covid 19**

**CERTIFICATE**

**BHARAT SANCHAR NIGAM LIMITED**

Internship in Telecommunication

* Understood the fundamentals of telecommunication network architecture.
* Learn about different network topologies, protocols, communication tech.
* Gained Hand-on experience with telecommunication system, including switches, routers and other network equipment.
* Learn about the design, implementation, and maintenance of telecom infrastructure.
* Explored wireless communication technologies, such as cellular networks
* (3G, 4G, and 5G)
* Learn about data transmition techniques and protocol.
* Gain insight into network securities practices encryption, firewalls.
* Internship period:-

03/06/2019 to 14/06/2019

**ACHIVEMENTS**

**INTERESTEST**

Exploring new places

Cooking new dishes

Interest in Sketching

**10th**

Edify school, Nagpur

05/2015 - 06/2016 75.56%

**12th**

Somalwar Junior College, Khamla, Nagpur

08/2016 - 05/2018 68.75%