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AMAN JOSHI

Electronics & Communication Engineer



SUMMARY

- Currently, in VII semester of B.E. in Electronics and Communication Engineering from Vishwakarma Government Engineering College under Gujarat Technological University .
- Fresher with good knowledge, team skills, coordination capabilities and passionate towards achieving goals.

CARRER OBJECTIVE

Looking for a challenging career which demands the best of my professional ability in terms of , technical and analytical skills, and helps me in broadening and enhancing my current skill and knowledge .

KEY SKILLS

Web Development

HTML & CSS

BOOTSTRAP

Basic JAVASCRIPT

IOT

Digital & Analog Communication

Basic Python Programming

Embedded Systems

API Level programming

MS Office Tools

Planning

Strong Communication

Team Leadership

Team Building

DIPTRACE-PCB Design

INTERNSHIPS

IOT & ML Internship

May '21 - Present

BOLT IOT

Online Platform

- It's an online Internship program where created various IOT projects and also learned languages such as HTML , JavaScript, Python. Also worked on Data Visualization using google libraries, Bolt Python Library, Home Automation, Social Media of things and Machine Leaning.

EMBEDDED SYSTEM Internship

Mar '21

EdGate Technologies Pvt Ltd(Banglore) |

Online Platform

Texas Instruments India University Program

- It's an 2 Week Internship about Embedded System & Graphical User Interface where worked on ARM based TI Tiva-C Series Launchpad, API Level programming and Into to Robotic Systems and IOT.

IOT Internship

Feb '21 - Mar '21

Experts-Hub

Online Platform

- It's an 30 day Internship in which got to work on platforms such as AWS , THINGSBOARD, NODE-RED and IFTTT and had a great exposure to protocols such as MQTT , HTTP .

LOGIC HANDLING/DATA ANALYSIS USING PYTHON

May '21 - Jun '21

INFOLABZ IT SERVICES

Online Platform

- It's 15 days internship in which worked on python list to dictionaries, API handling & libraries such as numpy and panda.

WEB DEVELOPMENT

May '21 - Jun '21

CREART

Online Platform

- Web development internship worked on HTML, CSS , JAVASCRIPT.

PROJECT EXPERIENCE

VOICE CONTROL BOT

Mar '21 - Apr '21

VOICE BASED AI DEVICE TO CONTROL AND NAVIGATE A ROBOT

Product: A voice controlled bot created using ARDUINO-UNO .

Hardware Used: Arduino-Uno, Motor Driver , Bluetooth Module, Servo Motor, Ultrasonic Sensor & IR-Sensor.

- Programmed in Arduino Application.
- Bot is controlled through voice commands received from an android app created using MIT app inventor and for the same Bluetooth Module is attached with the Arduino-Uno through Motor driver Module.
- Further, Ultrasonic and IR-Sensor is attached to detect the obstacle around the Bot.

TECHNICAL SKILLS

- **Languages:** Python, HTML, CSS, JavaScript, basic of REACT.JS
- **Software:** Apache.
- **OS Used:** Windows
- **Database:** MySQL.
- **Packages Used:** KEIL, AVR Studio, MATLAB, DIPTRACE.
- **Micro-Controller's:** 8051,ATMEL AVR, ARM.

CERTIFICATIONS

- MACHINE LEARNING | COURSERA | (IN PROGRESS)
- HTML5 and CSS3 | UDEMY | (IN PROGRESS)

- In Future planned to use Raspberry-Pi and Wi-fi Module along with camera attached on another servo motor to convert it into a surveillance system.

Software Developed

May '21

TO-DO LISTS

Learning through YT Videos.

Product: Create an App using React of To-Do Lists.

Languages: HTML , CSS & JSX.

- Created the **APP** which help us to remember our work of day to day life.
- We can add our important works such as attending some important meetings, submission of assignments and much more with this APP .
- Once the work is finished we can delete the item from our TO-DO List.

Software Developed

May '21 - Present

COLLEGE STUDENT PORTAL

Learning through YT Videos.

Product: An online portal for students of college to get various circular updates, to submit faculty feedbacks, placement updates.

Languages: HTML , CSS & JAVASCRIPT

Database: MySQL

- Created the **student portal** from scratch using the **Html & CSS**.
- Gone through the various YOUTUBE videos and studied from W3schools to create this project.

EDUCATION

VISHWAKARMA GOVERMENT ENGINEERING COLLEGE, CHANDKHEDA

Jul '18 - Present

B.E. Electronics & Communication Engineer

Ahmedabad, Gujarat

The University of Gujarat Technological University

- CGPA - 7.91

JASLOK AADARSH MAHAVIDHYALAY

Mar '18

XII - SCIENCE

Gandhidham, Gujarat

GUJARAT SECINDARY AND HIGHER-SECONDARY EDUCATION BOARD

- Percentile-92.68

P.N.Amersey High School

Mar '16

X

Gandhidham, Gujarat

GUJARAT SECINDARY AND HIGHER-SECONDARY EDUCATION BOARD

- Percentile-97.88

WORKSHOPS

Attended the '**National workshop on Machine Learning & Artificial Intelligence** '

| **DIGINIQUE TECHLABS** | IIT Roorkee

- Gained exposure to the latest best practices in the world of ML & AI

Attended the '**National Level Machine Learning Bootcamp for Beginers:2021** '

| **LEARNMALL** |

- **INTERNSHIPS**ry course of Machine Learning where applied our algorithm created from training-data set and applied on test-data set to predict the parameter's.

OTHER INFORMATION

- Participated in a **NATIONAL LEVEL TREKKING EXPEDITION** organized by **INVINCIBLE NGO** at DALHOUSIE, HIMACHAL PRADESH.

PERSONAL DETAILS:-

- **Date Of Birth:-** 15th JULY,2001
- **Nationality:-** INDIAN
- **Linguistic Skills:-** English, Hindi, Gujarati
- **HOBBIES:-** CRICKET, CHESS, BOOK READING, CAMPING & TREKKING.
- **Temporary Address:-** H-10, Swastik Apartment, NARAYANNAGAR, VASANA, AHMEDABAD

HONOURS & AWARDS

RAJYA PURUSKAR AWARD**BY Hon'. O.P.KHOLI (GOVERNOR OF GUJARAT)**

Achieved the award of RAJYA PURUSKAR from the GOVERNOR OF GUJARAT SHRI.O.P.KHOLI as a part of BHARAT SCOUT's AND GUIDE ASSOCIATION.

NATIONAL JUMBOREE**BY Hon'. B.I.NAGARALE (CHIEF NATIONAL COMMISSSIONER-BS&G)**

Participated in 17th NATIONAL JAMBOREE held at Mysuru, Karnataka.

RASTRABHASA PURUSKAR**BY SHRI.NISHAD MEHTA (PRESIDENT-KUTCH RASTRABHASA PRACHAR SAMITI)**

Secured the 2nd position in the district of KUTCH in the exam held by KUTCH RASTRABHASA PRACHAR SAMITI.