Harshit Chugh

B.Tech Graduate
Department of Computer Science Engineering

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ACADEMIC QUALIFICATIONS

Year	Degree	Institute	Percentage/CGPA
2024	Bachelor of Technology	Poornima College of Engineering	7.42/10
2020	All India Senior School Certificate Examination	Shiksha High School	76.60%
2018	All India Secondary School Examination	RSV Higher Secondary School	82%

SKILLS

- **Proramming Languages:** Java, Python, HTML5, CSS3, Javascript
- **Developer Tools:** AI, ChatGPT, Code Blocks, VS Code, Dev-C++, Visual Studio, Eclipse, Jupyter Notebook, Turbo C++, Virtual Box
- **Libraries:** pandas, NumPy, Matplotlib, tkinter, PIL, React.js
- **Soft Skills:** Communication Skills, Problem-Solving, Multi-tasking, Debugging skills, Critical Thinking, Attention to Detail

INTERNSHIPS

Learn & Build powered by Techienest Pvt. Ltd | Full Stack Web Development | Jaipur (Jul 2022 -- Aug 2022)
Learnt Front end & Back end web development for creating and designing new websites;
- *Developed a "Grocery Delivery Website" project*
- *Achieved a Certificate of Merit for excellence*
- *Achieved a Certificate of Completion for completing internship*
- *Achieved a Certificate of Participation*

Zeetron Networks Pvt. Ltd. | Python Programming Language | Jaipur (Aug 2023 -- Oct 2023)
Explored all basic and advanced features of python Language; Examined all new libraries used in python language for different functions and roles
- *Created a "Hotel Management System" project*
- *Achieved a Certificate of Completion for completing internship*

Zidio Development Pvt. Ltd. | Data Science & Analytics | Bengaluru (Jul 2024 -- Oct 2024)
Explored all algorithms of Machine Learning
- *Achieved a Certificate of Completion for completing internship*
- *Built a "Speech Emotion Recognition" project*
- *Attained an Offer Letter for internship at company*

PROJECTS (GitHub: github.com/Harshit-Chugh)

The Distancometer | *Internet of Things(IoT), Arduino UNO, Ultrasonic Sensors* Oct *2021 -- Feb 2022*
This is a project on Ultrasonic RADAR for security system for human or object interference in a short range. The system has been successfully implemented and the aim is achieved without any deviation. There is a lot of future scope of this project because of its security capacity. It can be used in many applications. This project can also be developed or modified according to the rising needs and demand.

Pacman Game | *C Programming language* Mar 20*22 -- May 2022*
Pacman is a game contains a pacman, dots which is food of pacman, several ghost and some bonus food dots that make ghost eatable. In this project we are using C language for the running of the game. We used visual studio code for the implementation of this project.

Grocery Delivery Website | *Full Stack Web Development* Jul *2022 -- Aug 2022*
A grocery delivery website project facilitates online grocery shopping and delivery, offering users a convenient way to purchase groceries without leaving their homes. The website allows users to browse a catalog of grocery items, add them to a shopping cart.This project aims to streamline the grocery shopping process, providing users with a seamless experience to order grocery items.

Hotel Management System | *Python Programming language* Aug *2023 -- Sep 2023*
The main objective of this project is to manage the details of Room, Customer, Booking, Tariffs, Food Bill. It manages all the information about Room, Laundry Bill, Food Bill, Room. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Room, Customer, Laundry Bill, Booking. It tracks all the details about the Booking, Tariffs, Food Bill.

Age & Gender Detection Project | *Open CV, Python Programming language*   Jan *2024 -- May 2024*
This project attempts to determine gender and age based on a person's frame, employing deep learning techniques and real-time frame processing using OpenCV. Due to challenges such as facial expressions, lighting variations, and makeup, predicting exact age from a single frame is challenging. To address this, age ranges are considered, and the predicted age falls within one of these ranges.

Speech Emotion Recognition Project | *Machine Learning*   Jul *2024 -- Aug 2024*
A Speech Emotion Recognition (SER) project aims to develop a system that can identify and classify human emotions from audio signals, leveraging machine learning techniques to analyze speech patterns and infer emotional states. This involves training models on labeled speech datasets, extracting relevant features from audio, and using classifiers to predict emotions.

Handwritten Digit Recognition Project | *Deep Learning*   Sep *2024 -- Oct 2024*
The primary objective of this project is to create a model capable of accurately identifying handwritten digits. By leveraging machine learning techniques and image processing, we aim to develop an application that can recognize numbers in various contexts.

AWARDS & ACHIEVEMENTS

- Accomplished a **NPTEL Online Certification** for scoring **92 %** by solving assignments, attempting Programming Exam and giving Proctored Exam of the course **Problem Solving through Programming in C** during **Jul 2021 - Oct 2021**
- Awarded **Appreciation Certificate** for being elected as **Best Performer of Artisian Activity** conducted by college
- Awarded Certificate for receiving **1st position in Quizophile** executed by college
- Awarded **Appreciation Certificate** for receiving **1st position in Fashionwalk event** in Poornima Aarohan - 2023 performed by college
- Awarded Certificate for securing **1st position in Poster-making Competition** carried out by college library.

EXTRA CURRICULARS

- Active participant in numerous mathematical competitions, quizzes, paper publications and webinars during college tenure.
- Fashion Walk Event
- Poster Making on single theme from different themes provided