

# Tanvi Gupta

## Electronics & Communication Engineer

Aspiring IT professional proficient in front-end development and Python, with expertise in data science and AI/ML. Seeking an entry-level position to leverage technical skills and drive innovation.



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## EDUCATION

### Bachelor Of Technology (Electronics and Communication Engineering)

Raj Kumar Goel Institute of Technology, Ghaziabad

07/2020 - Present

CGPA: 7

### Intermediate (CBSE) with PCM

St. Mary's Christian School, Ghaziabad

06/2018 - 06/2020

CGPA: 8

## WORK EXPERIENCE

### IoT & Computer vision INTERN

The Sparks Foundation Pvt. Ltd.

04/2023 - 05/2023

Achievements/Tasks

- Developed an **object detection** project using **YOLO** (You Only Look Once), utilizing Python and Google Collab.
- The objective was to **identify object classes** in images by classifying the objects and determining their precise spatial locations using bounding boxes.

### Web Developer Intern

Bharat Intern Pvt. Ltd.

08/2023 - 09/2023

Achievements/Tasks

- Designed** and deployed an **Interactive Temperature Conversion** project using HTML and JavaScript.
- Achieved a 15% boost in conversion rates by providing users with a user-friendly and efficient temperature conversion tool.
- Also, executed the **development** of a project replicating the **Netflix homepage** using HTML and CSS, achieving a 95% fidelity to the original design.

## CERTIFICATES

Python with AI+ML (04/2023 - 05/2023)

by DUCAT

Learn Coding with Java from scratch

(04/2023 - 05/2023)

by Udemy

Complete JavaScript with Html3 and CSS3

(06/2023 - 07/2023)

## SKILLS

HTML

CSS

JavaScript

Responsive Web Design

Python

OOPs Concepts

MySQL

DBMS

AI+ML

Data science libraries

JAVA

Algorithms

Prompt Engineering

Adaptability

Problem-solving

Time management

## PERSONAL PROJECTS

### Patient Health Monitoring System

- Developed** a Patient health monitoring system using IOT and GSM.
- This monitoring system **tracks** patient heartbeat, temperature, and oxygen levels, and sends alerts to concerned personnel.

### Responsive Web Pages

- Built** responsive Pages named as **Fashion Page** and **Shop- Jacket** using HTML and CSS, resulting in 80% increase in visitors.
- Created** responsive design strategies to ensure seamless compatibility across diverse gadgets.

### Simple Number Guessing Game

- Developed** a Number Guessing game using JAVA.
- The game generates a **random number** between 1 and 100 and the player has 10 attempts to guess the number which offers feedback on the accuracy of their guesses.

### Chatbot

- Implemented** a project featuring a chatbot using Python and NLTK (Natural Language Toolkit).
- This chatbot functions as a basic conventional agent, utilizing a limited set of pattern-response pairs to reply to user input. It leverages predefined patterns and responses, with a focus on addressing **mental health concerns**.

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency