

# SHUBHDEEP GUPTA

Computer Science, UPES-Dehradun, 2024

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## INTERNSHIP

Intern at TurnOnWeb Solutions - Frontend Development & Design Thinking

Technologies worked on - HTML, CSS, React.JS, Bootstrap

June 2023 – August 2023 Pune, India

- During my internship, I had the opportunity to contribute significantly to the frontend development and design thinking processes. Collaborating closely with the design team, I played a key role in the user-centered redesign of the company website, employing a skill set that encompassed HTML, CSS, React, and Bootstrap.
- Developed dynamic animations and smooth transitions to enhance user interaction on the website also emphasized responsive design principles to accommodate users on different devices and screen sizes.

## PROJECTS

Health & Fitness AI Coach - Computer Vision & ML Techniques

Python, OpenCV, Mediapipe, TensorFlow

November - 2023 UPES, Dehradun

- Implemented an AI-based fitness coach utilizing Mediapipe library for pose detection and landmark tracking. The project focuses on providing real-time feedback and guidance for users performing fitness exercises, particularly dumbbell curls.
- The AI Fitness Coach analyzes user's body poses, tracks key points, and Integrated TensorFlow for machine learning capabilities to interpret and analyze exercise performance.

Textutils (Dynamic and Responsive Website)

Frontend: React.js – Styling: Bootstrap 5.3.0

August - 2023 UPES, Dehradun

- TextUtils is a dynamic web application built using React.js, offering a suite of text manipulation functionalities to enhance user interaction with textual content. The application serves as a versatile tool, providing features such as word & character counting, case conversion, and space manipulation.
- The project is hosted on GitHub, accessible to users globally. Using Git commands, I managed the version control of the project and deployed it to GitHub Pages for public hosting. This deployment strategy ensures that the application is readily available for use, and updates can be integrated.

AI - ChatBots

nlp, machine learning, Natural Language Processing, PyTorch

Feb - 2023

- Designed and implemented a chatbot using Natural Language Toolkit (NLTK) and machine learning techniques. The chatbot utilizes a retrieval-based approach, leveraging cosine similarity and TF-IDF (Term Frequency-Inverse Document Frequency) vectorization for response generation.
- The project incorporates NLP (Natural Language Processing) techniques, including tokenization, lemmatization, and sentiment analysis, enhancing the bot's understanding and interaction capabilities.
- The chatbot was trained to understand user queries, provide accurate responses, and engage in interactive conversations.

## OBJECTIVE

"Enthusiastic MCA graduate with a focus on Artificial Intelligence and Machine Learning, seeking a challenging role to leverage programming skills and contribute to innovative projects in a high-level professional environment."

## EDUCATION

MCA in Artificial Intelligence & Machine Learning

UPES

Dehradun , Uttarakhand, 2022-2024

B.Com (Honors) - Commerce

Guru Gobind Singh Indraprastha University

New Delhi, India

## SKILLS

Programming Languages: Java, C, Python

Web.Tech: HTML, CSS, React & Bootstrap

Data Structures and Algorithm

Object Oriented Programming & MySQL

Tools:- Git, Github, OpenCV, NLP.

## CERTIFICATIONS

Introduction to Git and Github

Introduction to Azure Static Web Apps

Full Stack Development Course - MTC

## MOST PROUD OF

Attained 2nd Position  
Inter-college sports competition in Table Tennis.

Technology enthusiast  
My willingness to learn more about latest technology

## PARTICIPATION

TECHFUSE - Workshop on AI.

Introduction to Azure StaticWeb Apps

Portfolio Building Workshop: Coding ninza