# **ADITYA GUPTA**

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## CAREER OBJECTIVE

A result - oriented engineer who is seeking to work as lead software engineer and highly motivated to research and work in areas like NLP. LLMs. Computer Vision and Neural Network.

#### PROFESSIONAL EXPERIENCE

Machine Learning Research Intern **University of West London** 

2024 - present

- Pioneered text-to-image generation using stable diffusion techniques.
- Participated in collection, data preprocessing and analysis using Python, PyTroch or other relevant tools.
- Contributed to writing research papers and reports

## Education

B.Tech. [ CSE-AI ]

Parul University 8.52 CGPA

2021 - pursuing | Vadodara, Gujarat

Higher Secondary

United Alpha Sr. Sec. School xii - 88% 2020-2021 | Nimach, Madhya Pradesh

Senior Secondary

United Alphan Sr. Sec. School x - 87.6%

2018-2019 | Nimach, Madhya Pradesh

## **COURSES and CERTIFICATES**

**NPTEL- Software Engineering [ELITE]** 

IIT-Kharagpur

2023

DeeplearnigAl - Machine Learning Specialization

Coursera

2023

**UDEMY** - The complete python developer

MICROSOFT - Built a natural language processing solution with azure AI language

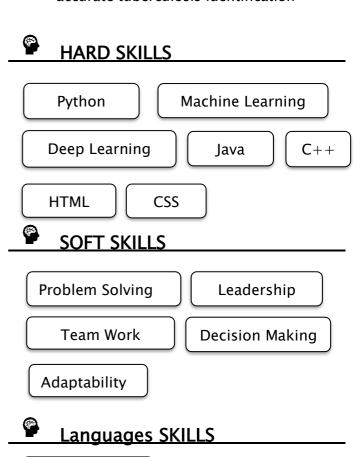
2024

### **₽** PROIECTS

#### **Tuberculosis-Detector 2023**

2023 - present

- Using the PyTorch Deep Learning Framework Designed to improve safety of Drivers.
- Convolutional neural networks (CNNs) to capture intricate patterns in chest X-ray images.
- Optimized model hyperparameters for accurate tuberculosis identification



English

Hindi