Parul University
NAAC A++

ADITYA GUPTA
B.Tech. - CSE - Artificial Intelligence - PIT
Ph: +91-9301776202
Email: 210305124076@paruluniversity.ac.in
Vadodara, Gujarat, India - 390019
LinkedIn: https://www.linkedin.com/in/aditya-gupta-943b52243/

BRIEF SUMMARY

Aspiring AI and Full Stack Developer with a strong foundation in developing intelligent systems and web applications. Possess extensive experience leveraging cutting-edge technologies such as Python, JavaScript, TensorFlow, and React to design and implement solutions in artificial intelligence, machine learning, and data science. Proficient in full stack development practices. Highly motivated to innovate and contribute to impactful projects that drive technological advancements.

KEY EXPERTISE

HTML5 · CSS · Javascript · SQL · NumPy · Pandas · Matplotlib · Scikit-Learn · Tensorflow · Keras · Machine Learning · Deep Learning · Streamlit

EDUCATION

Parul University	2021 - 2025
B.Tech. - CSE - Artificial Intelligence - PIT | CGPA: **8.56** / **10**	
United Alpha Senior Secondary school, Neemuch	2021
12th | MPBSE | Percentage: **88** / **100**	
United Alpha Senior Secondary School, Neemuch	2019
10th | MPBSE | Percentage: **87.60** / **100**	

INTERNSHIPS

University Of West London | Education — 10 Jan, 2024 - Present
Machine Learning Research Intern

Key Skills: Deep Learning ,   Python   Artificial Intelligence   Research

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

PROJECTS

CodeBlog(Ongoing)

Key Skills: HTML5   CSS   Javascript   ReactJS

Share expertise and insights on CodeBlog, a dynamic codeblogging platform featuring blogs, code snippets, and community rankings. Contribute valuable content, including articles, tutorials, and code snippets, to enrich the programming community. Enhance visibility and recognition through hashtag-driven categorization and community rankings. Empower fellow coders by sharing knowledge, tips, and best practices on CodeBolg.

Ai Vision

Team Size: 5

Key Skills: deep learning   machine learning

'AI Vision,' focuses on tuberculosis detection using deep learning. We've developed a deep learning model capable of analyzing X-ray images of lungs and predicting the likelihood of tuberculosis presence. By training the model on a dataset of annotated X-ray images, we've created a tool that can assist medical professionals in diagnosing tuberculosis more efficiently and accurately. Our project showcases the potential of artificial intelligence in revolutionizing healthcare diagnosis and treatment.

Multiple Disease Detection System

Key Skills: Machine Learning   Deep Learning   Python   Leadership

Developed a web application using Python, Flask, and MongoDB to predict diabetes, lung cancer, heart disease, and COVID-19 based on user inputs. Trained and integrated machine learning models (TensorFlow, Keras, Scikit-learn) with high accuracy and precision. Enabled early disease detection and facilitated timely medical consultations through a user-friendly interface.

ASSESSMENTS / CERTIFICATIONS

Built a natural language processing solutions using Azure AI language

Key Skills: Machine learning   Natural Language Processing

This certification validates your expertise in designing and deploying natural language processing solutions using Azure AI services. It confirms your proficiency in leveraging Azure Cognitive Services and Azure Machine Learning for NLP tasks. With this certification, you demonstrate your ability to architect, implement, and optimize NLP solutions on the Azure platform, making you a valuable asset in the AI and cloud computing domains.

Machine Learning

Key Skills: Machine Learning   Scikit-Learn

The "Machine Learning" course by Stanford University on Coursera, led by Andrew Ng, offers a comprehensive introduction to machine learning. Through video lectures, quizzes, and programming assignments, you'll learn essential concepts like supervised and unsupervised learning, neural networks, and deep learning. This course equips you with practical skills to implement machine learning algorithms and apply them to real-world problems. By completing it, you'll have a solid understanding of fundamental machine learning principles and techniques, empowering you to pursue further studies or apply your knowledge in various domains.

Python Zero to Mastery

Key Skills: Python   web scrapping   flask

"Python Zero to Mastery" on Udemy is a comprehensive course that starts from scratch and takes learners to advanced Python proficiency. Led by Andrei Neagoie, it covers Python fundamentals, object-oriented programming, data structures, algorithms. Through hands-on projects, students gain practical skills for various career paths like software development, data science, and machine learning.

Software Engineering

Key Skills: software engineering'

The "Software Engineering" course offered by NPTEL provides a comprehensive overview of the principles, methodologies, and best practices involved in software development. Covering topics such as software requirements engineering, software design, implementation, testing, and maintenance, this course equips learners with the knowledge and skills necessary to effectively manage software projects and deliver high-quality software products. Through a combination of lectures, case studies, and practical assignments, students gain insights into various software engineering processes and techniques, enabling them to excel in the field of software development.

Microsoft Certified: Azure AI Fundamentals

Aggregate: 81.40 / 100

Key Skills: Machine Learning   Deep Learning   NLP   Computer Vision

The Microsoft Certified: Azure AI Fundamentals course is an introductory certification covering AI basics and their implementation in Azure. It includes topics like machine learning, cognitive services, computer vision, and natural language processing. This certification validates foundational AI knowledge in the Azure context, serving as a starting point for careers in cloud-based AI and more advanced Azure certifications.

WEB LINKS

- Github - https://github.com/Adityagupta930
- Other - https://leetcode.com/u/Aditya_gupta_02/

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: G7,LAKULESH AMIDHARA SOCIETY,ZAVER NAGAR, WAGHODIYA ROAD, BARODA,VADODARA, GUJARAT,390010, Vadodara, Gujarat, India - 390019
Emails: 210305124076@paruluniversity.ac.in , adityagupta021103@gmail.com

Date of Birth: 02 Nov, 2003
Known Languages: English ,Hindi
Permanent Address: Village-Kelukheda, Tensil-Jeeran, District-Neemuch ,Madhya Pradesh, Neemuch, Madhya Pradesh, India - 458441
Phone Numbers: +91-9301776202, +91-9109631406