

UJJWAL CHAUDHARY

AIML Engineer | Researcher

Hello! I'm a machine learning engineer passionate about AI innovation. I excel in machine learning and system architecture, solving complex problems. I've developed a to-do list app and an event management system, enhancing connectivity and efficiency



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EDUCATION

B.Tech CSE with specialization AIML
SRM Institute of Science & Technology,
Kattankulathur, Chennai

08/2023 - Present

8.45/10

+2 Nepal Education Board

Trinity International SS & College, Lalitpur,
Nepal

05/2021 - 05/2023

3.20/4.00

PROJECTS

Data Stream Clustering with Real-Time Analysis
(02/2025 - Present)

- Worked, analyzed & clustered the data to perform the task of grouping similar data points from a continuous and unbounded stream of data that enables real-time data analysis.

Machine Learning for Mental Fatigue Detection using Non-Invasive Biometrics (03/2025 - Present)

- Designing a model that detects the mental condition using the tools & technique of non-invasive biometrics.

Anomaly Detection using ML in Avionics System
(03/2025 - Present)

- Detecting the anomaly or the task of identifying unusual patterns or events in temporal data that do not conform to normal behavior in the avionics system.

Todo List Application using Android Studio
(09/2024 - 11/2024)

- Successfully designed and developed an app that manages the day-to-day task and merely as calender.

Event Management System (11/2019 - 12/2019)

- Designed and developed a fully responsive event management system using web work and from mysql server that manages the database.

SKILLS

Python | C & C++

Supervised Machine Learning

HTML, CSS, JS, PHP

Algorithms and Data Structures

Artificial Intelligence

MySQL Server

Digital Transformation

AWARDS

COMPEX Scholarship Holder (08/2023 - Present)

Received a fully funded scholarship from the Embassy of India, Kathmandu to pursue B. Tech in Computer Science and Engineering with AIML at SRM Institute of Science and Technology, Chennai based on the Entrance Examination conducted by NTA, India.

ORGANIZATIONS

THE AGNIRVA SPACE INTERNSHIP PROGRAM
(01/2025 - 02/2025)

Intern in Agnirva Space Program program recognized by AICTE

CERTIFICATES

Supervised Machine Learning: Regression and Classification (01/2025 - 03/2025)

Database Structures and Management with MySQL
(01/2025 - 02/2025)

Digital Transformation with Google Cloud
(09/2024 - 11/2024)

The Agnivara Space Internship Program
(01/2025 - 02/2025)

Object-Oriented Data Structures in C++
(02/2024 - 05/2024)

LANGUAGES

Nepali

Native or Bilingual Proficiency

English

Full Professional Proficiency

Hindi

Professional Working Proficiency

VOLUNTEER & EXTRA-CURRICULAR

Sports Council

The Directorate of International Relations

01/2025 - 02/2025 *Kattankulathur, Chennai*

Achievements/Tasks

- Sports Volunteer | Cultural Volunteer

Hall & Crowd Management Volunteer

Kathmandu Youth Conclave 2023

05/2023 - 07/2023 *Kathmandu, Nepal*

Achievements/Tasks

- Successfully established the program recognized by KYC Nepal

Senior Member of Sports, Health Club

Trinity Sports, Yoga & Health Club

05/2021 - 05/2023 *Lalitpur, Nepal*

I worked as a senior member of Trinity Sports, Yoga, and Health Club.

Achievements/Tasks

- Successfully established Trinity Sports Cup-2023

Blood Donation Helper

Trinity Red-Cross Society Club

12/2022 - 12/2022 *Dillibazar, Lalitpur, Nepal*

Achievements/Tasks

- Worked as Blood donation Group Helper - 2022

INTERESTS

Space & AI Tech

Quantum Technology

AI Hacking

Travelling

Music & Singing

Games

Innovations

Ideology