

# Aman Verma

Student

Pre-Final Year at Indian Institute of Information Technology Guwahati

✉ aman247av@gmail.com

☎ +91 7317270278

🌐 linkedin.com/in/aman247av

🐙 github.com/aman247av

## EDUCATION

### Bachelors of Technology in Computer Science and Engineering

Indian Institute of Information Technology Guwahati

12/2021 - Present

8.23

Courses

- Machine Learning
- Artificial Intelligence
- Algorithms
- Computer Networks
- DBMS
- Data Structures
- Operating System
- Cloud Computing

## WORK EXPERIENCE

### GDSC Lead

Google Developer Students Club

08/2020 - Present

Roles

- GDSC Lead : As a Lead, I oversee and facilitate technical learning and collaboration among students, organizing workshops, events, and projects.
- App Development Lead : As a Facilitator for guiding students about development in Android.

### Programming Coordinator

IIITG Programming Club

01/2023 - 08/2023

Role

- As a Club Coordinator, I plan events, mentor and promote programming culture for IIITG Programming Club.

## ACHIEVEMENTS

### COMSYS-23

Ranked top 20 among 623 teams in **Kaggle Hackathon** by **Jadavpur University** and **IIT Mandi**.

### Tink-A-Thon

Secured 2nd position in **48 hours** long Inter-Institute Hackathon (IIIT Guwahati and IIIT Kota)

### Hackathons

Participated in hackathons like **Samsung: Solve for Tomorrow**, **Walmart Sparkathon**, **KAVACH-23**, and **SIH-22**, addressing diverse problem statements.

## SKILLS

Java

Data Structures & Algorithms

Python

Data Science

Machine Learning

Deep Learning

OOPs

NodeJS

Express

SQL

SpringBoot

RESTful API

Android Development

Linux

MongoDB

## PERSONAL PROJECTS

### Handwritten Digit Recognition

- Achieved an accuracy rate of ~99% by implementing a Neural Network(LeNet) architecture.
- Implemented a model that allows real-time recognition of handwritten digits from scanned images.

### Face Classification

- Utilized scikit-learn for face classification on the fetch\_lfw\_people dataset.
- Reduced dimensionality with PCA and employed SVM classification with GridSearchCV.
- Evaluated the model via a classification report, highlighting precision, recall, and F1-score metrics (with ~80% accuracy)

### IndieTour

- Developed a tourism-based Android Application using Java, Android Studio, Firebase, and the OpenWeather API.
- Demonstrated Android development skills and teamwork during an inter-institute hackathon (IIIT Guwahati and IIIT Kota).

### Knowledgify

- Developed an Edutech Android app using Java, Android, APIs, and Firebase integration for authentication, cloud storage, real-time database, and cloud messaging.
- Achieved 10K downloads and maintained a 4.1/5 rating, reflecting its significant educational impact.

## CERTIFICATES

### Udemy Data Science and Machine Learning Certification (08/2023)

Involved projects and practical knowledge of Data Science, Machine Learning and Deep Learning