Arun Adhikari
Computer Science Undergraduate |2026

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

EDUCATION

<UG Qualification>: <Vishwakarma University/Pune> | <B.Tech/Computer Science> | 7.5 | 2021 - 2026

<12th Qualification>: Sinhgad College/HSC> | Science | 82.3 | 2019 - 2021

<10th Qualification>: <Nagarvala Boarding School/SSC> | 70.2 | 2012 - 2019

CORE SKILLS

- ✓ Requirement Analysis
- ✓ Time Management
- ✓ Problem Solving
- ✓ Version Control
- ✓ OOP

TECHNICAL SKILL

- ✓ Python
- ✓ GitHub
- ✓ SQL
- ✓ C++
- ✓ Kali Linux

PEOPLE SKILLS

- ✓ Communication Skills
- ✓ Adaptability
- ✓ Team Collaboration
- ✓ Organizational Skills

PROJECTS

Face Recognition System Using Python

- *Developed software with cv2 and Haar cascade for frontal face detection, using LBPH for recognition. Trained the model by capturing and training images of individuals.*
- *Python / Visual Studio Code / Open-CV*

Website with 2-Step Verification

- *Passwords are encrypted with SHA-256 and stored in the database. After a successful password login, an OTP is sent to the user's email for verification. Face login website*
- *Flask / Visual Studio code / SHA-256*

Face Login

- *Implemented user login via facial recognition on a website using Haar cascade for frontal face detection and cv2, with Flask for the backend.*
- *Flask/ Visual Studio Code / Open-CV, Sha-256*

Insider Threat Detection using Machine Learning

- *Developed a user monitoring and logging system using Flask, Socket.IO, and SQLite, enabling real-time tracking of system metrics, user activity, file operations, and removable media events. Integrated anomaly detection with a trained model and implemented a live dashboard with user management and admin control features.*
- Python / Flask / Socket.IO / SQLite / psutil / Joblib / HTML-CSS-JS / Open-CV (for webcam features)

CERTIFICATIONS, COURSES

Fundamentals of Computer Network Security Specialization/ University of Colorado

4-course specialization covering network vulnerabilities, threat mitigation, cryptographic protocols, and secure network design.

IT Fundamentals for Cybersecurity Specialization/ IBM

4-course specialization covering cybersecurity basics, security policies, network security, and risk management.

Cyber Security/ Kohinoor Institute, Mumbai

Basic concepts of Cyber Security, CIA tried, Windows Server.

AWARDS AND COMPETITIONS

- **Visionary Techfest 2023 (Winner)** Conducted by the Visionary Club at VU, where 30+ teams participated. Won first place in the cybersecurity domain by developing a robust multi-factor authentication system that integrated OTP verification via email authentication using Python and Flask.
- **NSD Hackathon 2025 (Winner)** Organized by VU & Teklingo, with participation from 45+ teams. Secured first place in the Design and Web Development domain by developing a pet adoption website within the given time.
- **NSD Hackathon 2025 (Runner-up)** achieved second place in the Machine Learning domain by implementing a network traffic anomaly detection system using the KNN algorithm with an accuracy of 80%.
- **VU Techfest 2024(3rd place)** Smart Inventory Manager for Small Shops using Flask and SQL lite.

PERSONAL DETAILS
- *Date of Birth: 20-December-2002*
- *Gender: Male*
- *Nationality: Indian*
- *Hobbies and Interests: Photoshop, Video Editing, Football, Coding, Travelling*