# Baibhab Adhikari

Kolkata, West Bengal    jiniaadhikari.resto@gmail.com    8420818470    in Baibhab Adhikari

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## Skills

**Languages:** Python (proficient), C/C++, Java, SQL

**Frameworks and Databases:** Flask, MySQL, PostgreSQL

**Tools and Technologies:** REST APIs, Heroku, Docker, Git, MacOS, Linux

## Achievements

- **1st Prize - Smart Mobility Track, Vishwakarma Awards 2024 - IIT Hyderabad** — Developed the website for "DeliDrone," an autonomous medicine delivery drone with temperature regulation, winning 1st place in the Smart Mobility Track, demonstrating innovation in healthcare logistics.

- **Winner of 7th Inter College Competition on Prototype Design for Mankind by Heritage Institute of Technology** — Designed and developed the website for "DeliDrone," an autonomous medicine delivery drone with temperature regulation, securing 1st place in the competition, showcasing advancements in healthcare delivery technology.

## Education

**BTech   Adamas University**, Computer Science and Engineering      Aug 2023 – Ongoing

- SGPA: 8.83/10.0
- **Coursework:** C Programming, Data Structures and Algorithms, Database Management Systems, Object-Oriented Programming.

## Projects

**CatVault - Password Generator and Manager Web App**      github.com/Baibhab-Adhikari/CatVault

- Developed a secure password manager and generator using Flask and PostgreSQL. Implemented on Heroku with Redis for session management, Bootstrap for UI, and bcrypt for password hashing. Focused on user privacy and encryption, improving password strength by 65%.

**ATS-Eureka - JD-CV Matching System**      https://github.com/Baibhab-Adhikari/ATS-Eureka

- Developed an LLM-powered CV-JD matcher using Google Gemini Flash 1.5 for intelligent parsing and matching. Hosted on Heroku with Docker, Redis Cloud for rate limiting, MongoDB for storage, and S3 for frontend hosting. Finalist project at the ByteRunners Hackathon, IIT Delhi, competing among 600+ teams.

## Certifications

- **CS50X - Introduction to Computer Science** - Harvard University (2024)
- **Programming, Data Structures and Algorithms using Python** - NPTEL (2024)
- **Python (Basic)** - HackerRank (2024)
- **SQL (Basic)** - HackerRank (2025)