



# Rohit Kumar Adak

CSE Student

rohitadak.vercel.app

## Contact

+91-8348765905

rohitadak0@gmail.com

Ghatal, Paschim Medinipur,  
Pin- 721212

## About Me

I am a third-year Computer Science and Engineering student at Adamas University, Kolkata. Skilled in Python, C++, Java, SQL, Firebase, and React.js, I have completed several hands-on projects that strengthened my expertise. I am passionate about exploring innovative solutions and applying knowledge through interactive and practical projects.

## Skills

### Technical Skills:

- Programming:** Python, JavaScript (React, Node.js), FastAPI, Django, C++, JAVA
- Databases:** MongoDB, MySQL
- Cloud & Tools:** Firebase, Git, Docker, AWS
- AI/ML:** Model Development, Data Analysis

### Soft Skills:

- Creative Solutions & Problem-Solving
- Teamwork & Leadership
- Adaptability & Critical Thinking

## Education

### B.TECH in Computer Science and Engineering

Adamas University

2023 - 2027

ADDRESS: BARASAT, KOLKATA-700126

SGPA: 1<sup>st</sup> sem. - 8.00 2<sup>nd</sup> sem. - 6.68  
3<sup>rd</sup> sem. - 8.09 4<sup>th</sup> sem. - 8.64

### Class - 12 (AISSCE)

Vivekananda Mission High School

2022 - 2023

ADDRESS: Mechogram, Purba Medinipur, Pin no. - 721139

MARKS (Percentage): 62.2%

### Class - 10 (AISSE)

Vivekananda Mission High School

2020 - 2021

ADDRESS: Mechogram, Purba Medinipur, Pin no. - 721139

MARKS (Percentage): 89.4%

## Projects

### NEURA AI

Neura AI is a smart, voice-driven virtual assistant that performs intelligent tasks through natural conversation. It recognizes voice commands, answers queries, opens apps or websites, plays media, and offers a seamless hands-free experience.

### AquaWatch

AquaWatch is a real-time water level monitoring and prediction system using DWLR sensor data. It tracks levels, sends alerts, and forecasts fluctuations for smarter, preventive water management.

### ISL to text to speech

ISL is an AI-powered system that translates Indian Sign Language gestures into text or speech in real time, bridging communication between the hearing and speech-impaired, using computer vision and machine learning.

### Crash Detection System

Crash Detection System is an IoT-based safety device for two-wheeler that detects accidents above 40 km/h and instantly sends location & alerts to nearby hospitals and police for quick emergency response.

## Achievements and Hackathons

### Code for Change 2025

Hackathon by NSHM Knowledge Campus, Durgapur, and OSSDC (March 15–17, 2025).

### Symposium Book of Abstracts 2025

One-day Symposium on "Intelligent Horizons: The Future of AI/ML Across Cloud, Security and Beyond" organized by the Department of Computer Science & Engineering, JIS University, on 19<sup>th</sup> June 2025.

### Smart India Hackathon 2023 - 25

Selected for the Internal Smart India Hackathon (2023–25) for developing innovative tech solutions and showcasing strong teamwork and problem-solving skills.