



Rohit Kumar Adak

CSE Student

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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: 1st sem. - 8.00 2nd sem. - 6.68
3rd sem. - 8.09 4th 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 designed to perform intelligent tasks through natural human interaction. It provides a hands-free, conversational experience. Neura can recognize voice commands, answer queries, open applications or websites, play media, control system settings, and interact dynamically with users.

AquaWatch

AquaWatch is a real-time water level monitoring and prediction system powered by DWLR sensor data. It tracks water levels, sends instant alerts, and predicts future fluctuations to enable early preventive actions and smarter water management.

ISL to text to speech

ISL is an AI-based system that translates Indian Sign Language gestures into text or speech in real time. It aims to bridge the communication gap between the hearing and speech-impaired community and others through computer vision and machine learning techniques.

Crash Detection System

Crash Detection System is an IoT-based safety device for two-wheeler that detects accidents at speeds above 40 km/h and instantly sends the GPS location to nearby hospitals and police stations 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 19th 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.