



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-wheelers 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.