Nilashis Saha

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WORK EXPERIENCE

Software Development • Internship   Aug 2024 - Apr 2025
KATSI Canada, Virtual

- Co-developed an OFAC List Checking Web Application as a Backend Developer using PHP.
- Used tools like Visual Paradigm, Figma for Use Case Diagrams, Activity Diagrams and Website Design.
- Manual Testing using self-written Test Cases.
- Deployment of the Website in AWS and Hostinger (without CI/CD)

Junior Research Collaborator   Aug 2023 - Apr 2024
AZMTH, Kolkata

- Contributed to eye-ball tracking project as Junior Researcher at azmth formerly known as THE FUTURE NETWORK.
- Sent eye-tracking data to MySQL and Firebase Realtime Database using PHP and Python.
- Retrieved and displayed data on frontend using PHP, Python and HTML, CSS, Javascript.

EDUCATION

B.Tech, Computer Science & Engineering   2022 - 2026
Adamas University

CGPA: 8.88/10

Senior Secondary (XII), CBSE   2021
Science

Kalyani Public School

Percentage: 82.00%

TRAININGS / CERTIFICATIONS

The Joy Of Computing Using Python   **Problem Solving Through Programming In C**
Aug 2024 - Nov 2024   Jan 2024 - Apr 2024

NPTEL, Virtual   NPTEL, Virtual

Introduction To Generative And Responsible AI   **Artificial Intelligence In Real World**
Nov 2023   Sep 2023 - Oct 2023

Google, Virtual   UpGrad, Virtual

PROJECTS

Students Data Portal of my College ↗   **GestureAI: Hand Gesture Detection**
Aug 2024 - Apr 2025   Feb 2025 - Apr 2025

- Student Registration Portal and its corresponding Admin Panel to Approve or Edit registered students.
- Students Data Portal for all approved students from the CSE department.

- A Flask Web-App that detects Hand Gestures Used OpenCV.
- Mediapipe to collect and display Hand data.
- Used Random Forest Classification to train the recognition model.

SKILLS

- Google Cloud Platforms (GCP)
- Database Management System (DBMS)
- MongoDB
- Node.js
- Docker
- PostgreSQL
- Laravel
- PHP
- Git
- SQL
- JavaScript
- Python