



ADITYA RAJ SINGH

Jagatdal, North 24 Parganas, West Bengal, India

+91-9123393067 adityaraj0878@gmail.com [LinkedIn](#) [Github](#) [LeetCode](#)

EDUCATION

JIS College of Engineering, Kalyani

B.Tech - Computer Science and Engineering - **CGPA - 8.10**

2022 – 2026

Kalyani, West Bengal

Chasma-I-Rahamat High School, Jagatdal

WBCHSE, Class - XII - **Percentage - 77%**

2021

Jagatdal, West Bengal

Shri Hari Uchcha Vidyalaya, Jagatdal

WBBSE, Class - X - **Percentage - 75.2%**

2019

Jagatdal, West Bengal

COURSEWORK / SKILLS

- DSA
- Operating Systems
- Oops Concepts
- Computer Networks
- DBMS

PROJECTS

Responsive Health Information Web Application [↗](#) |

2023

- Developed a fully responsive web application using HTML, CSS, and JavaScript to deliver comprehensive information on diseases, symptoms, and preventive measures.
- Implemented intuitive features, including dynamic search functionality and categorized disease listings, to help users easily find relevant health information.
- Designed a user-friendly interface (UI) to enhance user experience and promote health awareness through accessible and organized content.

Heart Disease prediction [↗](#) | Deep Learning, Python, Keras, TensorFlow

2024

- Developed a machine learning model using a multi-layer neural network to predict the likelihood of heart disease from clinical features.
- Utilized the UCI Heart Disease dataset, performing data cleaning, preprocessing, and feature engineering to ensure robust model performance.
- Implemented the solution in Python using frameworks such as TensorFlow/Keras (or PyTorch) along with NumPy, achieving high prediction accuracy.

TECHNICAL SKILLS

Languages Known: Hindi, English, Bengali

Programming Languages: C++, HTML, CSS, JS, Python

Developer Tools: VS code, GitHub, Bootstrap, React JS, SQL

CODING PLATFORMS

- Solved **50+** Problems on **Leetcode**. [↗](#)

CERTIFICATIONS

- Python Data Structure - Coursera
- Network Security Associate Virtual Internship - Fortinet
- Soft Computing - NPTEL
- Neural Network and Deep Learning - NPTEL
- AI-ML Virtual Internship - AWS
- Machine Learning Foundation - AWS

EXTRACURRICULAR

- Participated in JISTECH2K24 APK Teaser
- Represented my college in Inter College Badminton Tournaments