

# ANURUDHA SARKAR

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|| Portfolio || Instagram || LinkedIn || Github ||

## SUMMARY

“Highly motivated and detail-oriented final-year Computer Science graduate proficient in multiple programming languages, including Java and Object-Oriented Programming. Expertise in software development using HTML, CSS, JavaScript, PHP, React and Spring Boot, with additional skills in data analysis and database management utilizing MySQL.”

## PROJECTS

Multi-Disease Predictive Analytics Platform | link

—Feb 2025

Developed a machine learning-based web application using Python and Streamlit to predict the likelihood of four major diseases: Parkinson's, Heart Disease, Diabetes, and Breast Cancer.

Key Features

- Early Diagnosis: Web-based platform for early disease prediction, facilitating informed decision-making and timely interventions.
- Model Development: Trained and deployed machine learning models using Python, ensuring robust predictive capabilities.
- Data Preprocessing: Utilized NumPy, Pandas, and Scikit-learn for data preprocessing, including data cleaning, feature scaling, and encoding, to ensure high-quality input data for the models.
- Streamlit Integration: Leveraged Streamlit to create an interactive and user-friendly web application for seamless experience.

Technical Skills Demonstration

- Programming Languages: Python
- Libraries/Frameworks: Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn, Streamlit,
- Algorithms: Support Vector Machine (SVM), Logistic Regression

Personalized Portfolio Website | link

—Dec 2024

Designed and developed a responsive and interactive portfolio website using HTML, CSS, and JavaScript to showcase my projects and skills, featuring a brief introduction, project showcase, and contact information for easy access by clients and recruiters.

Key Features

- Project Showcase: Highlighted key projects, including Multi-Disease Predictive Analytics Platform, Hand Gesture-Based Volume Control, Weather-Vue Real-Time Weather App, Sales Analysis Dashboard Development, and Bank Management System.
- Responsive Design: Utilized responsive design principles to ensure a smooth user experience across various devices and screen sizes, including desktops, laptops, tablets, and mobile devices.
- Dynamic Frontend: Leveraged JavaScript to create a dynamic and interactive frontend, enhancing user engagement and experience through interactive elements and animations.

Technologies Used: HTML, CSS, JavaScript

## SKILLS

- Languages: Java, JavaScript, Html, CSS, php, Python
- Platforms/ Frameworks: Power BI, Visual Studio Code, Spring boot, React, node.js, IntelliJ Idea, Google Collab, Git/GitHub
- Databases: MySQL
- Soft Skills: Effective communication, team collaboration & problem-solving
- Additional Tools: Bootstrap, MS Excel, MS Office, PowerPoint, WordPress

## CERTIFICATIONS

- Coursera HTML5, Coursera, University of Michigan — November 2022
- Programming for Everybody (Getting Started with Python), Coursera, University of Michigan — June 2022
- Introduction to Back-End Development, Coursera, University of Michigan — May 2023

## EDUCATION

- MAKAUT University [2021-25]  
Bachelor of Technology in Computer Science  
Aggregate CGPA: 8.05 / 10
  - The St. Xavier’s School  
ICSE (10th) – 75.2 % of 2019  
ISC (12th) – 91 % of 2021

## EXTRA CURRICULAR

- Awarded Certification of Merit by Techno India Group for the Toppers of Malda in the Board Results of 2021.
- Participated in Smart India Hackathon where I led a team and presented our innovative solutions to the organizer.