ANURUDHA   SARKAR

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SUMMARY

"Highly motivated and detail-oriented final-year Computer Science graduate having good knowledge in java and Object-Oriented Programming, with added proficiency in software development and database management."

EDUCATION

- **Bachelor of Technology in Computer Science**
  Dr. Sudhir Chandra Sur Institute of Technology
  and Sports Complex [MAKAUT University],
  Graduation Year: 2025
  Aggregate CGPA: 8.05 / 10

- **The St. Xavier's School**
  ICSE (10th) – 75.2 % of 2019
  ISC (12th) – 91 % of 2021

SKILLS

- **Languages: Java, Python, Html, CSS**
- **Platforms: PyCharm, Power BI, Visual Studio Code, Google Colab, Spyder, Github, Streamlit**
- **Databases: MySQL**
- **Soft Skills: Effective communication, team collaboration & problem-solving**
- **Other Skills: Excel, PowerPoint**

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

PROJECTS

- **Multi-Disease Predictive Analytics Platform** | link   —Feb 2025
  Utilizing Python and Streamlit, build a machine learning-based web application to predict the likelihood of four major diseases: Parkinson's, Heart Disease, Diabetes, Breast Cancer using supervised learning algorithms with plans to expand to numerous other diseases in upcoming update.
  Impact: The predictive analytics platform has the potential to transform the healthcare paradigm by enabling early diagnosis and treatment, reducing healthcare costs, and enhancing quality of life for individuals.

- **Sales Analysis Dashboard Development** link   —Dec 2024
  Leveraged advanced data analytics methodologies with Power BI and DAX, with a specialization in time series analysis, to generate data-driven decision-making through KPI analysis and sales performance tracking and incorporating dynamic interactive dashboards.
  Impact: These initiatives empowered data-driven decision-making, optimizing revenue growth and enhancing operational efficiency for measurable business impact.

- **Hand Gesture-Based Volume Control using Computer Vision** | link   —July 2024
  Developed an innovative solution utilizing computer vision and machine learning to control volume levels using hand gestures. Powered by OpenCV, MediaPipe, and PyAutoGUI libraries, this project enables users to adjust volume settings with a simple hand movement.
  Impact: The implementation of this project can transform the way humans interact with devices, enhancing user experience

- **WeatherVue Real-Time-Weather-Web-App** | link   —Dec 2023
  Intoducing WeatherVue, a real-time weather application leveraging OpenWeatherMap API, HTML, CSS, and JavaScript. This project showcases my proficiency in API integration, responsive design, and dynamic frontend development.
  Impact: WeatherVue's real-time weather forecasts and updates have the potential to positively impact user's life, enabling informed decision-making and enhancing daily life activity.

EXTRA CURRICULAR

- Awarded Certification of Merit in Felicitation Ceremony organized by Techno India Group for the Toppers of Malda In the Board Results of 2021.
- Participated in hackathons including Smart India Hackathons and coding competitions.