

Adwitya Chakraborty

📍 Faridabad, India ✉ adwityachakraborty@hotmail.com ☎ 9690125402 in adwityac 🌐 adwityac

Education

Banasthali Vidyapith 2022 – 2026

B.Tech in Computer Science

- CGPA: 7.24/10
- **Coursework:** Data Structures and Algorithms, Computer Networks, Operating System, Object Oriented Programming

M.V.N Aravali Hills 2021 – 2022

CBSE

- Grade: 68%

Experience

Web Development Intern Aug 2024 – Sep 2024

OctaNet Services Pvt Ltd

- Assisted in designing and implementing responsive and user-friendly interfaces using HTML, CSS, and JavaScript.
- Gained hands-on experience with various web development frameworks and tools, enhancing my proficiency in building scalable and efficient web applications.

Software Development Intern Nov 2024 – Dec 2024

Prodigy Infotech

- Developed a Python-based Web Scraper to extract and process structured data from web pages efficiently.
- Designed and implemented a Temperature Converter GUI application using Python and Tkinter, focusing on user-friendly interface design and functionality.

Projects

Disease Subtype Classification for Breast Cancer Detection [🔗](#) April 2024 – May 2025

- Developed a **Flask web application** for live model evaluation, displaying **EDA** visuals, **SMOTE** impact charts, convergence curves, and performance metrics dynamically using **JavaScript** and **Matplotlib**.
- Achieved classification accuracy up to **99.75%**, F1-score of **0.9975**, and ROC AUC of **1.00** using SMA-selected features with Random Forest on the "vital.status" binary outcome.

Personal Portfolio [🔗](#) November 2024

- Developed a responsive, minimalist portfolio using **Astro**, **TypeScript**, **Netlify** ensuring flawless user experience across desktop and mobile devices.
- Achieved **100/100** Lighthouse scores in all categories (Performance, Accessibility, Best Practices, SEO), showcasing expert-level optimization and adherence to modern web standards.

Activities and Achievements

- Achieved **Top 30** (Semifinalist) position in Python Quiz Competition conducted by Knowledge Institute of Technology.
- Contributed to open source with **9 merged pull requests** (**6 in GirlScript Summer of Code**, **3 in Social Winter of Code**) accepted on GitHub.
- Secured **2nd** rank in "Sahitya Ke Rang" (3rd National Level Online Poetry and Essay Writing Competition) organized by the HULAHUL Foundation.

Skills

Programming Languages: Python, Golang, C++, C, Java, Bash, HTML5, CSS3, JavaScript

Databases: SQL, PostgreSQL, MongoDB

Tools/Technologies: Git, Postman, VS Code, Windows Subsystem for Linux