ADITI CHAUDHURI

Newtown, Kolkata, West Bengal | +91 9339798661 | aditichaudhuri94@gmail.com |LinkedIn | GitHub | Portfolio

SUMMARY

Detail-oriented Computer Science & Engineering student with a strong foundation in Full Stack Web Development. Proficient in building responsive front-end interfaces and efficient back-end logic using Python, SQL, and JavaScript. Proven ability to develop user-centric applications like roommate finders and financial trackers. Eager to leverage technical skills in a professional Web Development role.

EDUCATION

Sister Nivedita University | *Bachelor of Technology (B.Tech) in CSE* | **2023 – 2027**

KeyCoursework:Data Structures andAlgorithms,Object-OrientedProgramming(OOPs),Database Management Systems (DBMS), SoftwareEngineering, Computer Networks.

Burdwan Municipal Girls' High School | 12th: 2023 | 10th: 2021

PROJECTS

Matenest | Roommate Finder Full Stack Web Application |Live Demo

- Engineered a secure, end-to-end roommate matching platform.
- Featuring a robust JWT-based authentication system and a dynamic request-response workflow.
- The application streamlines the urban housing search by utilizing a specialized matching algorithm based on user-defined filters and real-time status updates.
- Tech: Backend: Python (Flask),Database: MySQL,Frontend: HTML5, CSS3, & Bootstrap 5,Templating: Jinja2

Expense Tracker Application | Live Demo

- Engineeredadata-drivenfinancial toolusing Pythonto manage and visualize personal expenditures.
- Applied logic-based programming to calculate balances, track categories, and provide real-time budget updates.
- Utilized clean coding practices to ensure modularity and ease of future database integration.

Professional Portfolio | Live Demo

- Architected a personalbranding sitetoshowcase development projects and technical certifications.
- Optimized site performance and accessibility standards for high-speed loading.

CERTIFICATIONS

- Introduction to DevOps – IBM
- Python Essentials for MLOps – Duke University
- Generative AI: Prompt Engineering Basics – IBM
- Introduction to Artificial Intelligence – IBM
- Generative AI: Introduction and Applications – IBM

SKILLS

TECHNICAL SKILLS
- Web Development: HTML, CSS, JavaScript
- Programming Languages: Python, C, C++
- Databases: SQL
- Tools & Version Control: VS Code, GitHub, Git

SOFT SKILLS
- Problem Solving: Strong analytical approach to debugging and code optimization.
- Communication: Active collaborator with experience in presenting technical concepts clearly.