

PRATAP PATRA

AI Integrated Full Stack Developer

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🐙 <https://github.com/pratappatra078>

🌐 Portfolio

Summary

Computer Science undergraduate with strong interest in AI, Full Stack Development, and scalable software systems. Experienced with C, Python, Data Structures, and Web Development. Passionate about building practical projects and continuously improving problem-solving skills to develop efficient and production-ready applications.

Skills

Programming: C, C++ ,Java , Python, JavaScript

Web Development: HTML, CSS, JavaScript

Computer Science: Data Structures and Algorithms, Problem Solving

Core CS Subjects: Operating Systems, DBMS, Computer Networks, OOP, Computer Organization

Tools & Platforms: Git, GitHub, VS Code

Projects

- **Python Web Crawler** — Python
 - Developed a modular web crawler capable of fetching webpages and extracting links automatically.
 - Implemented queue-based traversal to crawl multiple pages while avoiding duplicates.
 - Built separate modules for fetching pages and parsing HTML to improve scalability.
- **Developer Practice Projects Repository** — HTML, CSS, JavaScript
 - Created a repository containing multiple beginner-to-intermediate web development projects.
 - Demonstrated concepts such as responsive layouts, DOM manipulation, and interactive UI components.
 - Organized projects with proper documentation for learning and reference.
- **Personal Portfolio Website** — HTML, CSS, JavaScript
 - Built a personal developer portfolio to showcase projects, technical skills, and achievements.
 - Implemented responsive design for mobile and desktop compatibility.
 - Structured content to highlight technical projects and GitHub repositories.

Education

- **B.Tech in Computer Science and Engineering**
*Brainware University, Barasat***2024 – 2028**
Current SGPA: 9.2

Achievements

- **Solved 100+ DSA Problems** – LeetCode Profile
- Actively building projects in Python, Web Development, and Software Engineering.
- Focused on developing industry-ready skills in AI, Cloud, and Full Stack Development. GitHub Repository