

SOUVIK PATRA

CONTACT



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souvik-p01

[souvik-patra](#)



EDUCATION

Bankura Unnayani Institute of Engineering
B.Tech (Computer Science & Engineering)
• CGPA - 8.4
Bankura, West Bengal, India
2022 - Present

Diploma

• Percentage - 75%
Dr. R. Ahmed Dental College and Hospital
Kolkata, West Bengal, India
2019 - 2021

Bishnupur High School

2019 — Bishnupur, West Bengal, India
Class XII: 75.80%

Bishnupur High School

2017 — Bishnupur, West Bengal, India
Class X: 90.57%

SKILLS

PROGRAMMING

Languages: C — C++ — JavaScript — HTML — CSS

Frameworks: Node.js — Express.js — React.js — Tailwind CSS

Database: MongoDB — MySQL

Familiar: Git — REST-API

Concepts: OS — DBMS — Computer Networks — OOPS — DSA

LINKS

[GitHub:// souvik-p01](#)

[LeetCode:// souvikpatra001](#)

[CodeForces:// S_patra001](#)

COURSES

- Web Development
- Data Structures and Algorithms
- Operating System
- Microprocessors
- COA

PROJECTS

Healthcare Consultation System

- Developed a full-stack healthcare consultation platform enabling patients to connect with doctors and book appointments securely.
- Built responsive frontend using React.js and Tailwind CSS with intuitive interfaces for patients and doctors.
- Implemented backend with Node.js and Express.js; integrated MongoDB for managing users, appointments, and records.
- Added JWT-based authentication and role-based access control.

Sorting Visualizer — [GitHub Link](#)

- Designed an interactive web app visualizing sorting algorithms (Bubble, Merge, Quick, Heap, Selection) through animations.
- Included time/space complexity info and C++ source code display for learning support.
- Created a responsive, dark-themed UI with adaptive scaling and animation controls using React.js.

Snake Game — [GitHub Link](#)

- Engineered a Java Swing-based Snake Game with smooth animation, modular structure, and responsive controls.
- Integrated 3D visuals, pulsating food effects, and dynamic scoring to modernize the classic game.

ACHIEVEMENTS

LeetCode: Solved 100+ problems (DSA & SQL) — ID: [souvikpatra001](#)

CodeForces: Solved 50+ problems — ID: [S_patra001](#)

LEADERSHIP EXPERIENCE

Team Lead — College Project — Aug 2025 – Present

- Leading Healthcare Consultation project, managing team workflow and project delivery.

Tech Fest Leader — BUIE Tech Fest — Aug 2024 – May 2025

- Organized annual college tech fest, mentoring juniors in project development and event coordination.

Captain — BUIE Volleyball Team — Sep 2024 – Present

- Led the team in tournaments and practices, fostering sportsmanship and teamwork.