



Education

Midnapore City College, Vidyasagar University, West Bengal, India [Nov 2021 – Oct 2023]

- M.Sc. (Computer Science) | CGPA: 9.21

Midnapore College (Autonomous), Vidyasagar University, West Bengal, India [Jul 2018 – Aug 2021]

- B.Sc. (Computer Science) | CGPA: 7.97

Experience

Web Developer Intern [AMMA JANASEBA PARISHADIYO WELFARE SOCIETY (NGO)] [Oct 2023 – Jan 2024]

- Led the development of an NGO website using **ReactJS**, **Tailwind CSS**, and **JavaScript**.
- Implemented key features, enhancing user engagement and interaction also offering technical advice and assistance to optimize digital presence.

Projects

❖ **ONLINE RAILWAY RESERVATION SYSTEM [OR2S] [[GitHub Link](#)]** [Jan 2023 – Sept 2023]

- Developed Front-End of website with **HTML**, **CSS**, and **JavaScript**, and Back-End using **MySQL** and **PHP**.
- Engineered optimized train search functionality leveraging **DFS** and **BFS algorithms** for identifying non-connecting train paths, as well as **Prim's** and **Kruskal's algorithms** to ensure shortest distance and minimum train time.
- Implemented **Voice Search**, **Multilingualism**, and security features like **Google ReCAPTCHA** using different **APIs** for seamless user-friendly interface in ticket booking.
- Deployed project locally using **XAMPP**, with efficient database management through **phpMyAdmin**.

❖ **FIRST PERSON SHOOTING GAME [HumanKill3rs] [[GitHub Link](#)]** [Jan 2020 – July 2021]

- Created a First-Person Shooting game for Windows platform using the **ALLEGRO Library** in **C++**.
- Engineered a Console Application using **Qt Developer Studio** with **CMake** integration.
- Achieved mouse precision and aim reaction time of approximately 0.2ms, with FPS reaching up to 1400.

❖ **MUSIC PLAYER BY RAK3XH [[GitHub Link](#)] [[Demo Link](#)]** [Oct 2023 – Oct 2023]

- Developed a music player web app using **HTML**, **CSS**, and **JavaScript**, ensuring full **responsiveness** across various platforms.
- Implemented **music controls (play, pause, shuffle, repeat)** using **JavaScript**, enhancing functionality, and **dynamically fetched music library** from a **JSON** file for efficient data management without a traditional database setup.
- Crafted a user-friendly interface to ensure seamless navigation and accessibility, resulting in a polished, functional web application.

Skills

Languages: C++, Java, HTML, CSS, JavaScript, PHP, SQL.

Technologies / Frameworks / Libraries: ReactJS, GIT, Linux, SDLC, Qt Developer Studio.

Coursework: Data Structures and Algorithm, OOPS, DBMS, Computer Networks.

Coding Profiles

[Leetcode](#) | [Coding Ninjas](#) | [GeeksForGeeks](#) | [Codechef](#) | [Codeforces](#)

Academic and Extracurricular Achievements

- Ranked 3040 out of 22688 participants in LeetCode's weekly contest 383, achieving a rating of 1591.
- Solved over 300+ problems across various coding platforms including LeetCode, GeeksforGeeks, and Coding Ninjas.
- Contributed to open-source projects during ".hack(); 23" Hackathon by creating successful pull requests, subsequently merged into the projects.
- Achieved a rank of 928 out of 10,500 participants in GeeksforGeeks Jobathon 28 for freshers.

Certifications

• Getting Started with Competitive Programming. [NPTEL (IIT KGP)] [Jan 2024 – Ongoing]