Ankush Bhattacharjee

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Education

Bachelor in Technology
Narula Institute of Technology, Kolkata
2023 - Present (**3rd Year**)
Computer Science Engineering (Artificial Intelligence and Machine Learning)
Overall GPA = 9.1/10

Higher Secondary (12th)
Sodepur High School, Kolkata
Passed - 2023, Percentage - 80.8 (WBCHSE)

Secondary (10th)
Sodepur High School, Kolkata
Passed - 2021, Percentage - 88.9 (WBBSE)

Skills and Abilities

Programming Languages

C, C++, Java, Python

Front End

1. CSS3
- Vanilla CSS, Bootstrap, TailwindCSS

2. JavaScript
- Advanced Core Vanilla JavaScript
- Asynchronous JavaScript: Fetch API, XMLHttpRequest (XHR), AJAX, Async/Await, Promises
- Architecture: MVC Pattern
- REST APIs & JSON Handling
- Dynamic Rendering (Frontend) and HTTP Requests (Backend) using Vanilla JS

3. React JS

- Component-based architecture, state management (Hooks/Context API), Redux, Aceternity UI and REST API integration, Axios.

Backend

1. PHP
- Server-side development, Database Operations using MYSQL (phpmyadmin and mysqli)
- Form processing, hashing
- CRUD operations using php mysqli

2. Node and Express JS
- RESTful API, Routing, Middleware
- Asynchronous operations, integration with MongoDB/MySQL
- React Query, Socket.io

Projects

- **Poll Now** - Poll system developed using PHP
- **Library Dashboard** - Library management system made with MERN, Socket.io and React Query
- **Country Explorer** - JAMstack project using AJAX, Rendering and REST API

GUI and UI/UX

- Figma, Electron JS

Machine Learning

- Regression, decision trees, SVM, and ensemble learning, clustering
- Data processing, feature engineering, model tuning

DSA/CP

- Top 6% in Leetcode
- 4* in Codechef
- Codeforces Pupil

Achievements

- Department Topper of NiT CSE AIML 2023-'27
- Code IT (NiT) 1st Position (CP Event)
- Codethesis (GNIT) 1st Position (Dev, CP Event)
- Techstorm (BPPIMT) 1st Position (CP Event)

Experience

- Google Arcade Legend
- Hacktoberfest 2024

Hobbies

- Cricket, Drawing/Sketching

Soft Skills

- Teamwork & Collaboration, Problem-Solving, Time Management, Leadership, Adaptability