

# Ankush Bhattacharjee

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 |  |  - My Portfolio

## Education

### Bachelor in Technology

Narula Institute of Technology, Kolkata

2023 - Present (3<sup>rd</sup> 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) 1<sup>st</sup> Position (CP Event)
- Codethesis (GNIT) 1<sup>st</sup> Position (Dev, CP Event)
- Techstorm (BPPIIMT) 1<sup>st</sup> Position (CP Event)

## Experience

- Google Arcade Legend
- Hacktoberfest 2024

## Hobbies

- Cricket, Drawing/Sketching

## Soft Skills

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