

Apurba Dutta

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SUMMARY

Final-year B.Tech student specializing in full-stack web development with React.js, Node.js, and MongoDB. Skilled at building responsive applications, API integrations, and secure authentication systems. Passionate about creating real-world projects and deploying them for users.

EDUCATION

JIS College of Engineering	West Bengal, India
Bachelor of Technology in Computer Science and Technology (<i>CGPA: 8.01 till now</i>)	2023-2026(Expected)
Technique Polytechnique Institute	West Bengal, India
Diploma in Computer Science and Technology (<i>CGPA: 8.3</i>)	2021-2023
Higher Secondary (WBCHSE)	2020
from Ranaghat Bharati High School	West Bengal, India
Secondary (WBBSE)	2019
from Pritinagar Bhudeb Smriti Vidyapith	West Bengal, India

SKILLS

Technical: HTML, CSS, JavaScript, React JS, Tailwind CSS, API, C, Python, SQL, Node JS, Mongo DB, Data Structures.

Tools: Git, Github, Postman, MongoDB Compass , Visual Studio Code, Microsoft Word.

CERTIFICATIONS

- Introduction To Internet of Things (NPTEL IIT Kharagpur) – Apr'25 ([link](#))
- Full Stack Web Development by Genex Engineering & Management Solutions – Jan'25 ([link](#))
- The Complete JavaScript Instructors by Jonas Schmedtmann (Udemy) – March'25 ([link](#))

PROJECTS

Forkify (Github / Live Demo)	March'25 - April'25
<ul style="list-style-type: none">Recipe Web Application: A dynamic food recipe platform featuring search functionality, recipe uploads, ingredient quantity adjustments, and bookmarking feature.Tech Stack: Developed using HTML, SCSS, and modular JavaScript; follows the MVC architecture pattern; bundled with Parcel.User Interactions: Allows users to search for recipes via API, upload custom recipes, manage ingredient quantities, and save favorites using local storage.	
Pizzape (Github / Live Demo)	JUNE'25 - JUL'23
<ul style="list-style-type: none">Recipe Pizza Ordering Web App: A mobile-responsive web app that allows users to browse and order pizzas from a live menu, with a feature to automatically detect and fill in their delivery address using current location.Tech Stack: Developed with React.js for dynamic UI and Tailwind CSS for fast, utility-based styling. The app is fully client-side and does not require a backend.API Integration: Integrates the React Fast Pizza API for real-time pizza data, and uses the BigDataCloud Reverse Geocoding API alongside the browser's Geolocation API to fetch the user's location and convert it into a usable address.	

AdminLTE Application (Github / Live Demo)	Aug'25 – Sept'25
<ul style="list-style-type: none">Full-Stack User Management System: A MERN-based CRUD web application inspired by the AdminLTE dashboard, enabling user registration, login authentication, profile updates, and user management operations.Tech Stack: Built using MongoDB, Express.js, React.js, and Node.js (MERN). Frontend styled with custom CSS and React components, backend structured with Express routes and Mongoose models.Authentication & Security: Implements JWT-based authentication with middleware for secure route handling and password encryption.Features: 1) Add, update, delete, and fetch user details. 2) Login & registration with validation. 3) Responsive design using modular React components (Navbar, Footer, Forms, Tables).Learning Journey: This was my first MERN full-stack project—I built it independently while leveraging AI and YouTube tutorials for guidance, which helped me deeply understand full-stack workflows, API integration, and deployment practices.	

ADDITIONAL INFORMATION

LANGUAGE: BENGALI(Native), HINDI(Fluent), ENGLISH(Proficiency)

INTERESTS & HOBBIES

Analysing Cricket for exploring insights to better understand game dynamics and passionate about various types of online games.