

# 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 (CGPA: 8.01 till now)

2023-2026(Expected)

**Technique Polytechnic Institute**

West Bengal, India

**Diploma** in Computer Science and Technology (CGPA: 8.3)

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

- **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

- **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

- **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.