

Arnab Kundu

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[GitHub](#)

[LeetCode](#)



[LinkedIn](#)

Technical Skills

- **Programming Languages:** C++, Python, JavaScript, HTML, CSS
- **Tools & Platforms:** Git, Vercel, Linux, Windows, Visual Studio
- **Frameworks & Technologies:** React JS, Node JS, Express JS,
- **Database & Reporting:** MySQL, MongoDB, MS SQL Server,
- **Soft Skills:** Collaboration, Communication, Planning, Teamwork, Time Management, Leadership, Analytical Thinking

Projects

Tours and Travels – E-Commerce Website: Sept 2024 -Jan 2025

[[Project link](#)]

[GitHub](#)

Executed a **Tours and Travels** web application inspired by MakeMyTrip, integrating key features of the IRCTC booking system. The platform offers a user-friendly interface with enhanced efficiency and responsiveness compared to existing e-commerce travel solutions.

- Engineered the frontend with **React.js, HTML, CSS, and JavaScript** to deliver an interactive and responsive interface
- **Backend:** deployed with **JavaScript**, utilizing **REST API** for dynamic data handling and improved functionality.
- **Database:** Executed using **MongoDB**, enabling secure and efficient storage of user and booking data.

The system streamlines travel booking with real-time updates, intuitive navigation, and Optimized booking performance, reducing response time by 20%, delivering an enhanced user experience.

Recipe Sharing Platform — Full-Stack Web

[[Project link](#)]

[GitHub](#)

- Independent Project | Tech Stack: React, Assistant-UI, Google Gemini API, Express.js, MongoDB, Tailwind CSS
- Built a MERN-based recipe platform with JWT authentication, recipe CRUD, image uploads, and personalized user dashboards.
- Implemented advanced search, filters, likes, comments, favorites, and ratings, enabling rich user interaction and easy recipe discovery.
- Developed responsive UI with optimized API endpoints and an admin panel for recipe moderation and platform management.
- Deployed on Vercel.

Experience & Achievements

Walmart USA – Advanced Software Engineering Job Simulation [September 2025]

[Certificate](#)

Skills: Data Structures, Software Architecture, Relational Databases, Backend Development

- Solved real-world problems using **advanced data structures** to optimize performance and scalability
- Applied **software architecture principles** and **relational database design** in enterprise-style scenarios
- Performed **data munging and backend-focused tasks**, simulating production-level software engineering workflows

SQL and Relational Databases 101— IBM [September 2025]

[Certificate](#)

Skills: SQL, Relational Databases, Joins, Subqueries, Data Analysis, Database Design

- Built a solid foundation in **SQL querying**, including joins, subqueries, and aggregations for backend data handling
- Understood relational database design, primary/foreign keys, and normalization for scalable application development.
- Applied **CRUD operations** and data integrity concepts relevant to **backend systems and software architecture**

EDUCATION

Techno International New Town

2021-2025

- Information Technology| CGPA: **7.37**

Andharia Rajballav High School

2020-2021

- WBCHSE (Class XII), percentage: **72**

Jhargram Banitirtha High School

2018-2019

- WBBSE (Class X), percentage: **60**