

Arnab Ghosh

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EDUCATION

JIS University

Bachelor of Technology in Computer Science and Engineering

Kolkata, IN

Sep. 2020 – Jun 2024

Dhamsa P. C. Sen Institution

Higher Secondary in Science stream

Dhamsa, WB, IN

Aug 2018 – Feb 2020

TECHNICAL PROJECTS

VibeBox – Full-Stack Social Media Platform (In Progress)

jun 2025 – Present

- Tech Stack: *Next.js, MongoDB, Tailwind CSS, TypeScript*
- Architecting a social media web app using **Next.js** and **TypeScript**, focused on modern UI/UX and scalability
- Integrating **MongoDB** with **Mongoose** for user data, posts, and interactions in a scalable schema design
- Using **react-hook-form**, **zod**, and **bcryptjs** for secure and validated user authentication
- Building responsive, accessible layouts with **Tailwind CSS** and enabling media uploads via **Cloudinary**

EazyBuy – Full-Stack E-Commerce Platform

Mar – Nov 2024

- Tech Stack: *MERN Stack (MongoDB, Express.js, React.js, Node.js)*, migrated to *Next.js, Tailwind CSS, Stripe*
- Built a full-stack e-commerce platform originally using the **MERN stack (MongoDB, Express.js, React.js, Node.js)**, later migrated to **Next.js** for improved performance, built-in API routes, and easier deployment
- Designed a modern, responsive user interface with reusable components using **React**, **Tailwind CSS**, and **MUI**
- Managed global state with **Redux Toolkit** and persisted cart data using **redux-persist** for a seamless experience
- Developed secure RESTful APIs, integrated **MongoDB** with **Mongoose**, enabled JWT authentication with **bcrypt**, and added media uploads and payments using **Multer**, **Cloudinary**, and the **Stripe API**

ShadowConnect – Full-stack Anonymous Feedback Platform

June 2024

- Tech Stack: *Next.js, MongoDB, NextAuth, Tailwind CSS*
- Developed **ShadowConnect**, an anonymous feedback platform built with **Next.js**, enabling users to send secure, one-way messages—designed to promote open, honest communication in personal and professional environments
- Implemented user authentication and session management using **NextAuth**, with **bcryptjs** for password hashing
- Designed scalable schemas with **MongoDB** and **Mongoose** to manage anonymous message flow
- Integrated **Google Generative AI** for features and deployed to **Vercel** with optimized build and reliable uptime

CORE SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Java, C

Frontend Development: React.js, Next.js, Tailwind CSS, HTML5, CSS3

Backend Development: Node.js, Express.js, REST API Development

Databases: SQL, MongoDB, Mongoose

Tools & Platforms: Git, GitHub, Postman, VS Code, Vercel, Cloudinary, Stripe

Soft Skills: Critical Thinking, Communication, Team Collaboration, Agile Mindset, Time Management

EXPERIENCE

Real Advisor

Jan – May 2025

Realme (LTM Mobile)

Mayapur, Hooghly, WB, IN

- Delivered tailored customer assistance, helping individuals confidently choose the right Realme smartphones and accessories by clearly explaining features, offers, warranty options, and usage guidance
- Provided troubleshooting and reliable after-sales support, improving customer satisfaction and loyalty
- Managed product displays and ensured inventory updates through coordination with the backend team
- Maintained stock records for all smartphone brands in Excel, ensuring accurate tracking and timely replenishments

ADDITIONAL ACTIVITIES

- Creative pursuits in video production, video editing, and photo editing for social media and personal projects
- Team Sports: Active football player; Winner of the intra-department football tournament (2022)
- Leadership: Successfully organized and hosted the college fresher's event (2023), coordinating with multiple teams
- Recreational Interests: Chess, strategy-based video games