

Ardhendu Pramanik

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Professional Summary

Frontend-focused Full Stack Engineer with 2+ years of experience building scalable web applications using React.js, Next.js (App Router), and TypeScript. Shipped features on a live transport platform covering frontend architecture decisions and core module implementation. Proficient in reusable component design, Redux state management, performance optimisation, and clean REST API integration. Familiar with testing practices (Jest, React Testing Library), schema validation (Zod) and CI/CD pipelines (GitHub Actions) basics. Focused on writing maintainable, production-ready code.

Work Experience

A2ZPORT · **Software Developer** · Remote — Long Beach, CA · Oct 2023 – Sep 2025

- Built transport & container-tracking modules (Next.js App Router, React.js, TypeScript) — features managing **300+ active shipments** daily.
- Architected a library of **25+ reusable UI components**, cutting cross-module duplication by ~40% and measurably speeding up new feature delivery.
- Centralised state with Redux Toolkit, reducing unnecessary re-renders by **~35%**; optimised API caching with React Query, improving average load time by ~20%.
- Wrote Zod schemas for runtime API request/response validation, reducing production data-shape errors after deployment.

The Internet Folks · **Software Engineer** · Bhopal, Madhya Pradesh · Aug 2022 – Apr 2023

- Built production-ready features in React.js / Next.js, translating Figma designs into pixel-accurate responsive interfaces across multiple client products.
- Wrote unit & integration tests with Jest and React Testing Library for critical UI components, reducing manual regression effort.
- Participated in code reviews, improving team-wide consistency in component patterns and API integration practices.

Projects

Transport Management System — A2ZPORT — *Next.js · Supabase · Prisma · Redux · Tailwind CSS · Zod*

- Developed dispatch workflow modules with dynamic Zod-validated forms; modular component architecture scaled from 3 → 8 developers with minimal refactoring.
- Structured scalable Prisma + Supabase data flow with production-grade considerations for concurrency and data integrity.

CraveWave — Personal Project — *Next.js · MongoDB · Stripe · Prisma · Zod · GitHub Actions · Tailwind CSS*

- Full-stack food ordering platform with authentication, Stripe payment integration, and complete order lifecycle logic. Implemented Zod input validation and a GitHub Actions pipeline (lint + build) on every push.
- Designed DB schema from scratch — users, orders, menu items — with Prisma ORM; cross-device responsive UI with Tailwind CSS.

IVCA — The Internet Folks — *Next.js · Formik · Chakra UI · React Query · Jest*

- Built responsive UI components and optimised data-fetching for a client-facing business platform; wrote integration tests for key user flows.

Skills

Frontend: Next.js (App Router), React.js, TypeScript, Redux Toolkit, Tailwind CSS, Zod

Testing: Jest, React Testing Library (beginner–intermediate), unit & integration testing

Backend: Node.js, Express.js, REST APIs

Database: MongoDB, Supabase, Prisma ORM

DevOps & Tools: GitHub Actions (CI/CD basics), Git, Postman, Vercel

Concepts: Component Architecture, State Management, Performance Optimisation, OOP, DSA

Education

B.Tech in Electronics & Communication (Lateral Entry) — CGPA 8.83 / 10

Maulana Abul Kalam Azad University of Technology · Aug 2019 – Jun 2022

Diploma in Electronics & Communication Engineering — CGPA 9.3 / 10

WBSCTVESD · Aug 2016 – Jun 2019

Achievements & Activities

- Authored technical blogs on React performance optimisation and TypeScript patterns. [Blogs](#)
- Currently upskilling (Oct 2025 – present) in Jest/RTL testing, Next.js App Router patterns, GitHub Actions CI/CD, Zod schema design, Python, and Docker basics.
- Built multiple personal full-stack applications (CraveWave and others) to deepen understanding of scalable architecture and end-to-end product development.
- Regularly practise Data Structures and Algorithms to strengthen problem-solving and analytical skills.