




ABHIRUP KUMAR BHOWMICK

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Education

Bachelor of Technology in Computer Science And Engineering

2021 – Present

B.P. Poddar Institute Of Management And Technology, Kolkata

8.69 CGPA

ISC

2020 – 2021

Julien Day School, Ganganagar

Percentages: 94.5

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management System
- Operating System
- Object Oriented Programming

Experience

Freelance Web Developer

Mar 2024

Le-Soft India

Remote

- Designed an admin dashboard to streamline inventory management, item additions, and order dispatches, elevating operational efficiency by 40%
- Spearheaded the implementation of robust security measures, including regular vulnerability assessments, resulting in a 50% reduction in security breaches and safeguarding user data from unauthorized access.
- Implemented the Razorpay as well as PhonePe Payment Gateway to optimize payment processing, resulting in a 15% increase in completed transactions.
- Facilitated secure user authentication using Kinde which resulted in 45% reduction in security breaches.

Personal Projects

InstaAI | *Next.js, React, Typescript, Shadcn UI, Razorpay, Prisma, Groq AI API, Meta API*

Jan 2025

- Developed an AI-powered Instagram DM and comment automation tool, enabling businesses to engage with users at scale, resulting in a 60% increase in user engagement.
- Created a subscription model powered by Razorpay, incorporating a user credit mechanism based on selected plans, which increased payment processing efficiency by 20%.
- Utilized Groq AI API for real-time, context-aware auto-replies, improving response efficiency by 35%.
- Integrated Meta API for real-time webhook calls on replies and comments, accelerating response speed by 50%.

Static | *Next.js, React, Typescript, Shadcn UI, Prisma*

Nov 2024

- Built an intuitive drag-and-drop UI, reducing website setup time by 50%, enabling users to create and publish pages faster.
- Utilized advanced SEO optimization techniques, improving search rankings by 20% through structured metadata, lazy loading, and performance tuning.
- Added automated static site generation, increasing deployment speed by 35% and reducing build times.

Technical Skills

Languages: C++, Python, HTML, CSS, Javascript, Typescript

Developer Tools: Node.js, tRPC, Prisma, VS Code, Docker

Technologies/Frameworks: Git, Github, React.js, Next.js, React Native

Cloud/Databases: MongoDB, Supabase, Firebase, Clerk, Kinde

Areas of Interest: Software Development, Full-Stack Web Development, Cross Platform App Development.

Achievements

- Solved 800+ Problems Leetcode
- 3 star (max 1636) Codechef
- 4th at CodeBee Coding Contest, BPPIMT, Kolkata

7th Oct, 2023

Certifications

- The Complete ReactJs Course - Basics to Advanced [2023] Udemy
- Web Design for Everybody: Basics of Web Development & Coding Coursera

1st Jan, 2024

25th Jan, 2023

Positions of Responsibility

Technical Coordinator

Oct 2022 – Oct 2023

Newton School Coding Club

B.P. Poddar Institute Of Management And Technology, Kolkata

- Built the Teams Section of NSCC BPPIMT's website.
- Coordinated Coding Contests.