

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

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 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

PrepiQ | Next.js, React, Typescript, Shadcn UI, Razorpay, Supabase, Gemini AI API, Assembly AI API

Jul 2024

- Developed an AI Mock Interview SaaS platform, enhancing user experience with real-time feedback integration, resulting in a 15% reduction in interview preparation time.
- Created a scalable payment system powered by Razorpay, incorporating a user credit mechanism based on selected plans, which increased payment processing efficiency by 20%.
- Utilized the Gemini API to generate over 100 tailored interview questions based on user resumes and job descriptions, improving the relevance of interview questions by 25%.
- Employed Assembly AI API to increase transcription speed by 20% through speech-to-text conversion.

Instant | React Native, Tailwind CSS, Typescript, Firebase, Razorpay

Mar 2023

- Built a real-time chat application with both individual and group communication capabilities, leading to a 20% improvement in user communication speed.
- Utilized Firebase to implement secure authentication, reducing login times by 15% and enhancing user security.
- Added advanced features such as image sharing, message replies, and customized user profiles, which increased user engagement by 25%.

Technical Skills

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

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

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

Cloud/Databases: MongoDB, Firebase, Clerk, Kinde

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

Achievements

- Solved 700+ 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

1st Jan, 2024

- Web Design for Everybody: Basics of Web Development & Coding Coursera

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.