




Abhirup Kumar Bhowmick

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 GitHub Profile
 LinkedIn Profile
 Leetcode Profile

EDUCATION

- Bachelor of Technology in Computer Science And Engineering** 2021-Present
B.P. Poddar Institute Of Management And Technology, Kolkata CGPA: 8.9
- ISC** 2019-2021
Julien Day School, Ganganagar Percentages: 94.5

PERSONAL PROJECTS

- DocWhisperer** *Next.js, Typescript, tRPC, Shadcn UI, Open AI, Langchain, Pinecone, Prisma, Stripe*
 - Incorporated Langchain and OpenAI to obtain document embeddings, ensuring precise context extraction and enhancing the application's ability to interpret and respond to user queries within PDFs.
 - Developed Typesafe APIs with Typescript and tRPC.
 - Used Kinde to facilitate user authentication which resulted in 70% increase in overall effectiveness.
 - Streamlined secure recurring payments through Stripe.
- Pixelwear** *Next.js, React.js, Redux, Tailwind CSS, Material UI, MongoDB, Razorpay*
 - Facilitated secure user authentication using jwt which resulted in 45% reduction in security breaches
 - Enhanced security measures to prevent cart tampering and safeguard user information.
 - Integrated Razorpay Payment Gateway, streamlining the payment process and instilling trust among customers.
 - Designed an admin dashboard to streamline inventory management, item additions, and order dispatches, elevating operational efficiency by 40%.
- Instant** *React Native, Tailwind CSS, Typescript, Firebase, Razorpay*
 - Built Real-time chat application offering both individual and group communication capabilities.
 - Utilized Firebase to create secure authentication.
 - Added advanced features such image sharing, message replies, and customized user profiles; resulting in a 40% increase in user engagement and a 25% growth in daily active users.
- Netflix Clone** *Next.js, React.js, Tailwind CSS, Typescript, Firebase, Razorpay*
 - Emulated Netflix's responsive UI, enhancing user experience by providing a familiar and intuitive interface.
 - Introduced a convenient List functionality, allowing users to easily add their favorite movies to a personalized list.
 - Used Razorpay to facilitate subscription model, enabling seamless upgrades as per user preferences.
 - Curated an extensive collection of movies and TV shows spanning multiple genres, ensuring an immersive viewing experience for users.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, HTML, CSS, Javascript, Typescript
Web Dev Tools: Node.js, tRPC, Prisma, VS Code, Git, Github
Frameworks: React.js, Next.js, React Native
Cloud/Databases: MongoDB, Firebase
Areas of Interest: Software Development, Web Development, Cross Platform App Development.

ACHIEVEMENTS

- 4th at CodeBee Coding Contest** BPPIMT, Kolkata 7th Oct, 2023
- OpenCV AI Competition 2022 Winners** Among Top 50 Teams 13th March, 2023

CERTIFICATIONS

- The Complete ReactJs Course - Basics to Advanced [2023]** Udemy
- Problem Solving (Basic)** HackerRank
- Web Design for Everybody: Basics of Web Development & Coding** Coursera

POSITIONS OF RESPONSIBILITY

- Technical Coordinator** NSCC Club - BPPIMT, Kolkata Oct 2022 - Oct 2023
 - Built the Teams Section of NSCC BPPIMT's website.