ABHIRUP KUMAR BHOWMICK

📞 +91-7003889430 ✉ abhirupkumar@gmail.com 💼 abhirup2003 🔗 abhirupkumar 🌐 abhirupkumar.vercel.app

Education

Bachelor of Technology in Computer Science And Engineering	**2021 – Present**
B.P. Poddar Institute Of Management And Technology, Kolkata	*8.9 CGPA*
ISC	**2020 – 2021**
Julien Day School, Ganganagar	*Percentages: 94.5*

Experience

Freelance Web Developer	**Mar 2024 – Apr 2024**
Le-Soft India	*Ranaghat, WB*

- 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 and penetration testing, 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 and a 25% decrease in cart abandonment rate.
- Facilitated secure user authentication using jwt which resulted in 45% reduction in security breaches.

Personal Projects

TestNix | *Next.js, React, Typescript, Shadcn UI, Stripe, Firebase, Firebase Admin, Rollup* **Apr 2024**

- Developed and documented an npm package using React and Rollup for efficient bundling.
- Implemented real-time event tracking using Firebase, monitoring clicks, conversions, and impressions, and visualized the data with a graph.
- Created APIs for event tracking, displaying the same variant to a specific user for 24 hours based on their IP address.
- Used Next.js and Shadcn UI to design a user-friendly dashboard, resulting in a significant 40% decrease in loading time.
- Integrated Stripe as a secure and reliable payment gateway.

Instant | *React Native, Tailwind CSS, Typescript, Firebase, Razorpay* **Mar 2023**

- Built Real-time chat application offering both individual and group communication capabilities.
- Utilized Firebase to create secure authentication, resulting in 30% faster authentication.
- Added advanced features such image sharing, message replies, and customized user profiles; resulting in a 40% increase in user engagement.

Technical Skills

Languages: C++, 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 600+ Problems** Leetcode
- **3 star (max 1636)** Codechef
- **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	**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.