Saikat Roy
Full Stack Developer

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📍 Siliguri, West Bengal, 734006

Results-driven Full Stack Developer with a strong foundation in Computer Science and a passion for building scalable, secure, and user-friendly web and mobile applications. Skilled in modern frameworks like React, Flutter, and Node.js, with hands-on experience in full-stack development, cybersecurity, and cloud solutions. Adept at problem-solving, optimizing performance, and delivering innovative solutions that enhance user experience and business efficiency.

Frontend Development
- React, Next.js, TypeScript, JavaScript, jQuery
- TailwindCSS, Bootstrap, Framer Motion
- HTML, CSS

Backend Development
- Node.js, Express.js
- Python, Flask
- PHP, Laravel

Mobile Development
- Flutter, Flutter Bloc

Database & Cloud
- MySQL, PostgreSQL, MongoDB, Firebase, Supabase

Version Control & DevOps
- Git, GitHub

Other Skills
- Application Design & Creativity
- Coding & Problem-solving
- Security Systems
- Communication Skills
- Time Management

Hobbies
- Reading Books
- Traveling & Sightseeing
- Exploring New Technologies

Interest
- Cyber Security
- AI
- Automation

Language
- English
- Bengali
- Hindi

Honors & awards
- 1st Place - Techphoria, State Level Coding Competition, Issued by Technique Polytechnic Institute, Oct 2024

Certifications
- Participant - Digital Transformation Seminar, Issued by International Society of Automation (ISA) - Kolkata Section · Feb 2025
- Participant - All Bengal Polytechnic Model Competition, Issued by Hooghly Institute of Technology - Alumni Association · Jan 2025

Professional Experience

Full Stack Developer Intern | Alkraj Developers Pvt. Ltd (Media/Entertainment)
Nov 2024 - Apr 2025
- Designed & developed an iOS & Android mobile app using Flutter, improving UI/UX responsiveness.
- Built & deployed a scalable web platform with React & Laravel, streamlining backend management.
- Integrated real-time database interactions, enhancing data efficiency by 40%.

Founder | Discounted Recharge *Dec 2023 - Mar 2024*
- Launched a discounted recharge platform, acquiring 500+ users.
- Built a Flutter app with a PHP Admin Panel for seamless transaction management.
- Optimized the recharge process, reducing transaction time by 30%.
- Shut down due to lack of funding despite achieving early traction.

Founder | Fast Recharge Web *Sep 2022 - Mar 2024*
- Developed a B2B recharge platform, improving affordability for business clients.
- Built a Flutter app with a PHP Admin Panel, acquiring 1K+ users.
- Implemented dynamic pricing and competitive margin strategies.
- Shut down due to lack of funding despite achieving early traction.

Personal Projects

Mindful Todo *Dec 2024*
- Developed a task management app using Flask & SQLAlchemy for efficient task tracking and organization.
- Integrated priority-based sorting, completion rate analytics, and interactive data visualizations.
- Optimized database queries to improve performance and ensure a smooth user experience.

Inventory Management System *Nov 2024*
- Developed an Inventory Management System (IMS) with PHP & MySQL for optimized product tracking and real-time updates.
- Automated stock tracking, supplier management, and order processing, boosting efficiency by 40%.
- Implemented role-based access control for enhanced security and user management.

Task Management App *Oct 2024*
- Developed a user-friendly Task Management App with Next.js & MongoDB to improve workflow.
- Implemented real-time task updates, user authentication, and role-based access control.
- Enhanced user productivity by 30% through improved task organization and analytics.

The Educative *Sep 2024*
- Developed a content platform for topic-based blogs and resource management to enhance knowledge sharing.
- Built User & Admin panels with Next.js for seamless content handling and moderation.
- Implemented a structured content management system with efficient CRUD operations and optimized performance for faster page loads.

QR Attend *Apr 2024*
- Engineered a secure, three-layer QR-based attendance system for real-time user verification.
- Developed an Admin Panel with Express.js, enabling seamless tracking and user management.
- Improved data security by implementing AES encryption & JWT authentication.

Education

Siliguri Government Polytechnic || Diploma in Computer Science & Technology *2023 - Present*

Madhyamik (WBBSE) *2022*