

Shovan Mondal

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SUMMARY

Computer Science student at Region Education and Research Foundation Group of Institution. Passionate about coding, problem-solving, and technology. Eager to learn and apply skills in a dynamic environment.

TECHNICAL SKILLS:

Programming Languages: C, C++, Python, JavaScript, PHP, Dart, SQL (PostgreSQL, MySQL)

Web Development: HTML, CSS, JavaScript, React, NextJs

Software & Tools: Git, VS Code

Security & Encryption: Creator of NovaCrypt Encryption System

PROFESSIONAL EXPERIENCE

Independent Developer & Founder

India | 2021 – Present

Passionate software developer and cybersecurity enthusiast, driving innovation in encryption, cloud technologies, and remote collaboration. Developed multiple impactful projects focusing on security, scalability, and performance optimization.

NovaCrypt Encryption System (Cybersecurity & Encryption)

- Designed and developed NovaCrypt, a cutting-edge encryption system ensuring enhanced data security and privacy.
- Implemented advanced cryptographic algorithms to safeguard sensitive data against modern cyber threats.
- Optimized performance to provide high-speed encryption with minimal resource usage.

ColabConnect (Remote Collaboration Tool)

- Created ColabConnect, a remote collaboration tool designed for seamless team communication and project management.
- Integrated real-time WebSockets for instant messaging and file sharing, enhancing user productivity.
- Deployed using Cloudflare Workers & KV, ensuring a scalable and cost-efficient serverless architecture.

Shiksha Kiran (Education & E-learning Initiative)

- Founded Shiksha Kiran, an initiative focused on providing quality education and tuition services.
- Developed a streamlined student management system using Prisma, PostgreSQL, and Express.js.
- Improved content delivery and lesson tracking, enhancing student engagement and learning outcomes.

EDUCATION & OTHER

Ranaghat P.C. High (H.S.) School

- Madhyamik (MP): 2021
- Higher Secondary (HS): 2023

Regent Education And Research Foundation

- Btech CSE: 2024-2028

LANGUAGES:

- Bengali – Native
- English – Proficient
- Hindi – Conversational

INTERESTS:

- Cybersecurity & Encryption Technologies
- Open-Source Development
- AI & Machine Learning
- Tech Blogging & Knowledge Sharing