

Passionate about building web applications that actually work well and solve real problems. Highly skilled in programming design, development, and implementation of functional specifications. I'm always learning new tools and approaches because technology moves fast, and I find it exciting to apply fresh ideas to deliver applications that users find valuable and easy to use.

EXPERIENCE

Inrec Productive Research Solutions and Services Pvt. Ltd - Full Stack Developer, Kolkata, WB **November 2024 - December 2025**

- Redesigned the entire Attendance Management Applications using modern tech stack of react.js and .NET Core API models for backend and replaced the old application developed earlier on C# .NET only.
- Designed and developed Hostel Attendance application using the C#, .NET Core API integrated with Hikvision biometric devices and front end using react.js.
- Designed SEO-optimized and production ready commercial websites using Next.js
- Engineered application on AMC Management using Node.js, Express, GraphQL in backend and Next.js in front end with CI/CD deployment using Git, Github, and process manager.

Hemraj Industries Pvt. Ltd. - MIS-Executive, Bardhaman, WB **July 2024 - August 2024**

- Optimized existing workflows and automation for data-flow and designed customized automated report generations using looker studio.
- Developed automation for data collection to final reporting process using Google Apps script(JavaScript) and other tools.

Ecovista Industries Pvt. Ltd. - IT & Google Workspace Admin, Kano, Nigeria **Jan 2022 - April 2024**

- Designed and developed business operation workflows for every department of the business by monitoring the operations and designed solutions as per needs.
- Developed data collection, storing, analyzing, workflows and automation using the Google workspace tools, Google Apps script(JavaScript) and GCP cloud tools.

PROJECTS

Biometric Data Collection Microservice [GitHub](#) **Nov 2025**

This service automatically collects attendance records from your biometric devices (fingerprint readers, face recognition terminals) and safely stores them in your database. It ensures no attendance data is ever lost, even during network issues or database outages. Used Queue, Auto-retry, Recovery Queue and Backup methods for data lose prevention.

- **Features:** Zero data loss, async processing, multi-verification support, health checks, monthly partitioning.
- **Stack:** Node.js, Express, MySQL, Redis, Bull Queue.

AI-powered Product Mock-up Image Generator [GitHub](#) **Dec 2025**

Developed an Image Editor specifically for generating product mock-up images from raw image using gemini-2.5-flash-image model from Google-genai. User can upload single or multiple images, describe scene, select the output aspect ratio, then after generation can view or download final images.

- **Features:** Predefined Scene Description, Automated transformation, multi-style support, real-time processing, quality enhancement.
- **Stack:** Google GenAI, gemini-2.5-flash-image model, Next.js (SSR for communicating with AI models and CSR for the user to perform the work)

EDUCATION

Bachelor of Computer Applications **Jan 2024 - Dec 2026**

Lovely Professional University, Punjab, India
Computer Applications and Engineering with Specialization in Web Development

SKILLS

Languages	JavaScript, TypeScript, C, C#, HTML, CSS, SQL
Frameworks & Libraries	Node.js, Express, .NET Core, React.js, Next.js, GraphQL, Tailwind CSS, Shadcn/ui, Ant Design
DevOps/Platforms	Windows, Git, AWS, GCP, Docker
Database	PostgreSQL, MSSQL, MongoDB