

ANKIT SHAW

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EDUCATION

Institute of Engineering & Management (IEM), Kolkata

July 2023 – June 2027

B.Tech in Information Technology

GPA: 8.95 / 10.0

TECHNOLOGIES

Languages: JavaScript, TypeScript, Java

Frontend: HTML, CSS, React.js, Tailwind CSS, Bootstrap, Shadcn

Backend: Node.js, Express.js, Firebase, MongoDB, REST APIs

Tools: Git, Postman, Vercel, Figma

PROJECTS

Shishu Card Digital Child Vaccination Record System

[Visit](#)

- Designed a centralized digital portal to store and access a child's vaccination history securely.
- Implemented QR-based record retrieval that allows hospitals to instantly access child medical data. Integrated automated email notifications for parents with dynamic vaccination reports.
- **Tech:** React, Firebase (Auth + Firestore), EmailJS

Gmail Clone (MERN)

[Visit](#)

- Replicated core Gmail functionality including Compose, Inbox, Sent, Trash, Email Search, and User Auth. Structured backend APIs following clean architecture principles for reliability and scalability.
- Built an optimized frontend experience that mimics Gmail workflows and improves productivity.
- Managed session handling, state management, and controlled routing for smooth navigation.
- **Tech:** MongoDB, Express.js, React.js, Node.js

Real Estate Portal (MERN)

[Visit](#)

- Developed a property listing platform with role-based access: Admin, Seller, and Buyer. Implemented CRUD features for property management including image uploads and live updates.
- Added advanced property search and filtering to enhance user experience.
- Designed an intuitive and responsive UI focused on clarity and ease of navigation.
- **Tech:** MongoDB, Express.js, React.js, Node.js

EXPERIENCE & HACKATHONS

- **Hackathons:** Participated in **Diversion**, **H4B**, and **IEMHacks**.

Built: A Mental Therapy Website Solace (Diversion)

Shishu Card a QR-based vaccination record system (H4B)

An AI-powered PDF Summarizer (IEMHacks)

Delivered complete prototypes with deployment, presentation, and team collaboration.