

Sayak Mukherjee

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Professional Summary

Full-stack web developer with hands-on experience in building dynamic, responsive, and scalable applications using **JavaScript, React, TailwindCSS, Node.js, Express, PocketBase, and Firebase**. Passionate about clean code, modern UI/UX, and integrating backend services seamlessly. Strong problem-solving skills with a basic foundation in **Python and C**.

Technical Skills

- Frontend:** JavaScript, React.js, TailwindCSS, HTML5, CSS3
- Backend:** Node.js, Express, PocketBase, Firebase
- Databases:** PocketBase (NoSQL), Firebase Firestore
- Other Skills:** Python, C, Git/GitHub, REST APIs, JSON, JWT
- Tools:** VS Code, Postman, Chrome DevTools, Figma

Projects

1. Clinic Management System

Tech Stack: React, PocketBase, Firebase

- Developed a complete system for managing patients, doctors, appointments, and bills.
- Implemented authentication, role-based access control, and dashboard analytics.
- Integrated cloud storage and real-time database sync using Firebase.

2. Secure & Share Govt Document Portal

Tech Stack: HTML, CSS, JavaScript, Firebase

- Built a secure portal for digitizing government documents (PAN, Passport, Aadhaar).
- Enabled sharing among family members with role-based access and audit logs.
- Focused on modular and maintainable code structure.

3. AI Crop Health Monitoring Dashboard

Tech Stack: React, TailwindCSS

- Developed a dashboard showing field conditions, air pollution levels, and AI-based advisories.
- Created interactive components for monitoring and alerts.
- Optimized frontend performance and responsive design.

Education

Bachelor of Technology in Computer Science

XYZ University, India — Graduated 2023

Experience

Freelance Full-Stack Developer — 2022–Present

- Delivered multiple projects in web development using React, Node.js, TailwindCSS, and Firebase.
- Implemented end-to-end project management from design to deployment.

Optional Bonus Skills

- Python:** Basic scripting and automation.
- C:** Fundamental programming and data structures.

Certifications & Achievements

- Completed **JavaScript & React Bootcamp** (Online)
- Developed and deployed multiple full-stack applications on **GitHub**

Interests

- Open-source contribution, AI projects, modern web UI design, coding challenges