

NILOY CHOWDHURY

SOFTWARE ENGINEER

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ABOUT ME

Full-stack web developer skilled in PHP, JavaScript, MySQL, and WordPress development. Experienced with modern tools like React.js, Next.js, Tailwind CSS, TypeScript, and GSAP. Passionate about building fast, responsive, and user-friendly web applications. Seeking to contribute as an Associate Software Engineer in a remote-first, growth-driven team.

SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, GSAP, HTML5, CSS3, Framer Motion, Zustand

Backend: PHP, WordPress, Node.js, Express.js, REST APIs, Prisma ORM, tRPC, Webhooks

Database & Dev Tools: PostgreSQL, MySQL, Supabase, Git, GitHub, Postman, VS Code, Vercel, Railway, Docker, Redis

AI & Integration: OpenAI API, Vapi AI, JWT Auth, WebSockets, Server Actions, Responsive Design, CI/CD

EDUCATION

2022-2026

Techno Institute of
Engineering and
Management, Habra

Bachelor of Technology in Computer Science and Engineering

GPA : 8.02/10.00

PROJECTS

AI-Powered Gym & Food Planner with Voice Chat Interface

Next.js | TypeScript | Vapi AI | PHP | Gemini API | Prisma ORM | PostgreSQL | Tailwind CSS | GSAP

Built a voice-interactive fitness planner using Vapi AI that collects user goals via audio and delivers personalized gym and diet plans with Gemini AI.

- Developed the frontend with Next.js, TypeScript, Tailwind, and GSAP for a responsive, animated UI.
- Used PHP for secure backend form handling and auxiliary API endpoints.
- Managed user data and plans with Prisma ORM and PostgreSQL.
- Reduced onboarding time by 80% and increased engagement by 65% through seamless voice-first interaction.

Social Media App (Full-Stack)

Next.js | TypeScript | Prisma | PostgreSQL | Tailwind CSS | GSAP | JWT | REST API | PHP

Built a responsive social media platform with user feeds, profiles, likes, comments, and real-time messaging.

- Used Next.js + Tailwind CSS + GSAP for dynamic frontend; Prisma + PostgreSQL for scalable backend.
- Integrated JWT auth, REST APIs, and real-time chat with WebSockets.
- Added a PHP-based admin panel for content moderation and analytics.