

Debashish Nath

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Education

Chandigarh University

Bachelor of Engineering - Computer Science Engineering

Punjab, India

2020-2024

Experience

Freelance Full Stack Developer, CALIGIN Clan – Remote

Nov 2025

- Spearheaded the migration of a legacy React (CRA) application to a modern Next.js framework, enhancing performance and enabling server-side rendering capabilities.
- Led a comprehensive UI/UX overhaul, implementing a cohesive Material-UI design system to create a polished, responsive, and modern dark-themed interface from a mixed-library frontend.
- Expanded the site's architecture from a single-purpose utility into a multi-page brand platform, adding dedicated sections for clan showcases, detailed guides, and event information.

Freelance Full Stack Developer, MyPaste.to – Remote

Aug 2025

- Migrated legacy Flask/Python codebase to modern Next.js architecture with Prisma ORM and PostgreSQL, achieving 300% performance improvement in page load times and enhanced scalability.
- Developed comprehensive authentication system with JWT tokens, secure API endpoints for paste management, and real-time user session handling across multiple devices.
- Built admin dashboard with role-based access control for managing pinned pastes, site banners, and user moderation, streamlining content management workflows for administrators.

Projects

Discord Clone

github.com/debanath/discord-clone

- Built a full-featured Discord clone with real-time messaging, user authentication, and emoji support using modern web technologies.
- Utilized Next.js, Prisma, and Supabase for scalable backend architecture, Socket.IO for real-time communication, and Tailwind CSS with Shadcn/UI for responsive design.
- Implemented TypeScript with Zod validation and Clerk authentication, demonstrating proficiency in type-safe development and secure user management.

Personal Portfolio Website

astro-dollop.vercel.app

- Developed a modern portfolio website using Astro framework with server-side rendering, featuring a nostalgic terminal-inspired design aesthetic.
- Integrated Last.fm API for dynamic music display, implemented live timezone clock, and built a markdown-powered blog system with content filtering.
- Designed mobile-first responsive interface with custom CSS animations and hamburger navigation, deployed on Vercel with optimized performance.

Academic Attendance Planner

checkattendance.vercel.app

- Created a student-focused web application to help plan academic schedules while maintaining institutional attendance requirements for eligibility.
- Enables students to make informed decisions about class participation, plan for events or emergencies, and track progress across multiple subjects with timetable integration.
- Built with vanilla JavaScript and responsive CSS Grid, featuring data export/import capabilities and local storage for seamless cross-device usage.

Skills

Languages: JavaScript/TypeScript, Python, C/C++ , SQL, Bash/Shell Scripting, HTML/CSS

Frameworks: NodeJS, ExpressJS, ReactJS, NextJS, Astro, Tailwind CSS, Prisma, MongoDB

Tools: Git/GitHub, Postman, Vercel, Netlify, MongoDB, PostgreSQL, MySQL, VS Code

Operating System: Linux, Windows