Priyanshu Debnath

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Education

Techno India Saltlake — Kolkata, India
Bachelor of Computer Application — *June 2022 – July 2026*
- Current CGPA: 8.02/10
- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Artificial Intelligence, Business Strategy, Database Management Systems, Computer Networks, Cloud Computing

Techno India Group Public School — Hooghly, India
Higher Secondary (CBSE) — *April 2018 – March 2022*

Technical Skills

Programming Languages: JavaScript, Python, C, Golang, Java
Backend Technologies: Node.js, Express.js, Spring Boot, FastAPI, AdonisJS
Frontend: Next.js, React, Tailwind CSS
Databases: PostgreSQL, MongoDB
Tools: Git, GitHub, WebStorm, IntelliJ IDEA, Figma, Docker, Postman, AWS (EC2)
APIs and Others: RESTful APIs, Supabase, Gemini API

Projects

Business ERP Management Tool | *AdonisJS, PostgreSQL, React* — 2025 – Present
- Architected a modular ERP/POS platform in AdonisJS supporting multiple business types (Manufacturing, Retail, and more) through a configurable module system
- Implemented inventory, sales, purchases, and POS modules with role-based and attribute-based access control (RBAC/ABAC)
- Designed an invite-based authentication system and a static permissions DSL for fine-grained access management

PDF-AI-Summarizer | *Python, Gemini API, Pandas, NumPy, Matplotlib* — 2025
- Built a Python tool to extract, analyze, and summarize content from PDF documents using the Gemini API
- Processed and structured extracted data with Pandas and NumPy for downstream analysis
- Generated visual summaries and insights from document data using Matplotlib

Altre | *Next.js, Tailwind CSS, GSAP* | Live Demo — Oct 2024 – Nov 2024
- Architected high-performance digital platform accelerating page load speeds by 40% and SEO visibility by 35%
- Developed engaging GSAP animations increasing session duration by 50 seconds

Changespark Foundation Website | *Next.js, Tailwind CSS, Supabase* | Live Demo — July 2024 – Aug 2024
- Deployed secure authentication system using Supabase enhancing data security by 30%
- Built user-friendly admin panel reducing content management time by 40%

Experience

Lead Web Developer — Oct 2024 – Nov 2024
Altre — *Remote*
- Led the development of a high-performance digital platform with advanced frontend technologies

Frontend Developer — 2024
Homestay Website — *Remote*
- Developed a homestay booking website front-end using Next.js and GSAP focusing on performance and responsive design

Backend Developer — July 2024 – Aug 2024
Changespark Foundation — *Remote*
- Developed dynamic web applications with secure authentication systems

Achievements

GDSC Hackathon, IIIT Kalyani | *Top 25 Teams* — May 2024
- Ranked among the Top 25 Teams in a global GDSC competition out of 500+ participating teams

Certifications

NPTEL Certification – Internet of Things (IoT)
Certification in Generative AI (GenAI)