Devasish Mishra

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SUMMARY

Computer Science undergraduate and full-stack engineer building production-oriented web and AI systems with TypeScript, Python, React, Next.js, and LLMs. Experienced in shipping full-stack products independently and consulting on automation and AI integration for businesses.

EDUCATION

Birla Institute of Technology and Science, Pilani 2025 – 2028

Bachelor of Science in Computer Science

EXPERIENCE

Self Employed Apr. 2025 – Present

Full Stack Engineer

- Deliver **full-stack web applications and AI-powered features** for independent clients, from architecture through production deployment, and consult on **automation and AI integration** for traditional businesses

Telelink Communication Jan. 2016 – Jul. 2025

Sales & Marketing Associate

- Managed customer-facing sales for **nine years**, identifying user needs and recommending suitable technical products and services

LEADERSHIP & COMMUNITY

Head Boy, Karim City College (Aug. 2023 – Jan. 2025) — senior student representative; coordinated college-wide events and liaised with administration

Member, Google Developer Groups (Jan. 2025 – Present) — hands-on workshops and code labs on web, cloud, and AI development tools

PROJECTS

GPMS (Ganesh Puja Management System) | GitHub | Live | *Next.js, NextAuth.js, Google Apps Script, Google Sheets*

- Built a **mobile-first financial platform** for a Puja committee, generating QR-verifiable PDF receipts and enabling instant WhatsApp sharing across 500–1,000 seasonal records
- Implemented **atomic writes, idempotent transaction IDs, role-based access, and failure cleanup** across a Google Sheets/Drive backend to handle concurrent submissions reliably

VidSnap AI | GitHub | Live | *FastAPI, Next.js, FFmpeg, ElevenLabs API*

- Built an **AI-powered 9:16 video generation pipeline** that turns scripts and 1–15 images into narrated, captioned reels, using FastAPI, Next.js, FFmpeg, and ElevenLabs
- Implemented **dynamic speech-to-scene synchronization, audio ducking, job-state tracking, and fallback TTS** for narration-driven video rendering

AI Learning Assistant | GitHub | Live | *Next.js, Node.js/Express, MongoDB, OpenAI/Gemini*

- Built a **full-stack AI learning platform** with context-aware chat, document analysis, quiz generation, and progress tracking for PDF/DOCX/TXT study material
- Designed the **REST API layer, JWT authentication, document-processing workflow, and MongoDB schema** end-to-end, shipping the application independently

TECHNICAL SKILLS

Languages : Java, Python, C++, JavaScript, TypeScript

Frameworks : React, Next.js, Node.js, Express.js, FastAPI, Tailwind CSS

Databases & Tools : MongoDB, SQL, Git, Google Apps Script, n8n

AI/ML : Machine Learning, LLMs, RAG, AI Automation

ACHIEVEMENTS

Airtel Young Achievement Award | **5th Rank**, Anvil Hackathon at SST, Bengaluru