

Deepjyoti Dey

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PROFESSIONAL SUMMARY

Computer Science undergraduate with strong full-stack development skills in Python, JavaScript, and TypeScript. Experienced building scalable web applications, REST APIs, and cloud-integrated systems using React, Next.js, Flask, and MongoDB.

EDUCATION

RCC Institute of Information Technology, Kolkata, India

Aug 2023 – Aug 2027

B.Tech in Computer Science and Engineering

CGPA: 7.81

Ramakrishna Mission Boys' Home High School Rahara

Jun 2020 – Jun 2022

Higher Secondary

Percentage: 93.87

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, C, HTML5, CSS, SQL

Frameworks: React, Next.js, FastAPI, Flask, Tailwind CSS

Backend & Cloud: REST APIs, MongoDB, Azure, Firebase, Supabase, OAuth, Webhooks

Tools: Git, GitHub, Figma, Visual Studio Code

EXPERIENCE

Software Development Intern

May 2026 - Present

GoAvo AI

- Migrated turnout prediction ML models from Azure ML Studio VM compute to Azure Function App with in-process inference engine, blob artifact loading, and v1/v2 HTTP routes; rewired Flask API to call Function App instead of AML `/score` endpoints.
- Optimized RSVP search across Next.js frontend and Flask backend: 3-character minimum threshold, 300ms debounce, and aligned API guards—reducing unnecessary queries and improving attendee lookup speed.
- Built four-tier SaaS pricing and entitlement system (Free, Pro, Growth, Enterprise) with Pay-per-Event, Monthly, and Yearly billing; canonical MongoDB `billing_records` ledger; Razorpay/Cashfree checkout integration.

PROJECTS

Tarang : Safety-First Artist Bookings

[LINK](#)

Jan 2026 - Feb 2026

Built Next.js 14 + TypeScript artist booking platform with Firebase/Appwrite auth, Tailwind CSS, and Framer Motion UI.

Eventic : Full-Stack Event Management Platform

[LINK](#)

April 2026

Developed a full-stack event management platform with Clerk-based auth, MongoDB-backed RSVP workflows, public event pages, email notifications, and HubSpot CRM sync.

Murder Mystery Game Platform

[LINK](#)

May 2026

Built a full-stack mystery game platform with secure batch access, timed quizzes, hint tracking, and an admin dashboard using Next.js, Clerk, FastAPI, and MongoDB.

ACTIVITIES

PR and Management Lead, GDG on Campus RCCIIT

Sep 2025 - Present

PR and Management Lead, ACM Student Chapter RCCIIT

Jan 2026 - Present