Adrish Basak

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Education

B.P. Poddar Institute of Management and Technology — Kolkata, West Bengal
Bachelor of Technology (B.Tech.) in Computer Science — CGPA: 8.065 (up to 4th Semester) — *June 2023 – June 2027*

National English School — Kolkata, West Bengal
ISC, Science Class XII — 90% — *April 2021 – May 2023*

Nopany High School — Kolkata, West Bengal
ICSE, Class X — 92.6% — *March 2011 – April 2021*

Experience

Tech Co-Lead — May 2025 – Present
Repository - Student-Led Developer Community — *Kolkata, West Bengal (Part-time)*

- Optimized community website functionality, improving user engagement and platform usability by 25%
- Collaborated with team members to spread awareness about the community in hackathons and events, increasing community visibility by 40%

Frontend Developer Intern — June 2025 – July 2025
CodeAlpha — *West Bengal, India (Remote)*

- Enhanced a music player web application using Saavn API integration, increasing user engagement by 40%
- Streamlined real-time music playback features and optimized UI components, reducing load times by 30%

Web Development Intern — May 2025 – June 2025
Pinnacle Labs — *Kolkata, West Bengal, India (Remote)*

- Created a weather web application using Weather API integration, improving data accuracy by 45%
- Architected TodoSphere, a task management web application with priority levels, drag-and-drop functionality, filtering/search capabilities, and mobile-responsive design, improving user task completion rates by 35%

Projects

Rangmanch - Social Media Management Platform | *Full-Stack Application* ⭘ — January 2025 – Present

- Engineered an all-in-one social media platform with AI content generation using RAG integration in Grok/Gemini, increasing content creation efficiency from 60% to 80%
- Designed ML-based sentiment analysis and business/creator insights system, improving engagement forecasting accuracy from 45% to 70%
- Applied scalability using Next.js, FastAPI, Firebase and SEO optimizations, reducing workflow time by 50%
- Created seamless content workflow analytics dashboard for creators using Apify API, achieving 50% reduction in API response time and enhancing user productivity by 70%

Kavach Privacy Guardian - Chrome Extension | *Privacy Protection Tool* ⭘ — May 2025 – June 2025

- Improved advanced privacy protection Chrome extension using React and TypeScript with real-time tracker blocking, reducing user exposure to third-party trackers by 85%
- Integrated Google Gemini for automated privacy policy analysis, improving policy comprehension speed by 90%
- Implemented data trust scoring system and data flow visualization, improving user privacy awareness by 75%
- Deployed GDPR/CCPA compliant opt-out tools, increasing user privacy protection by 80%

Technical Skills

Programming Languages: C, Java, Python, JavaScript, TypeScript, HTML/CSS
Frameworks and Libraries: React, Node.js, Next.js, Three.js, Tailwind CSS, Framer Motion, GSAP, SCSS Modules, Flask, pandas, NumPy, Matplotlib
Developer Tools: Git, VS Code, Postman, Google Cloud Platform, Vercel, Render, Canva

Achievements and Certifications

Google Cloud: 7x Google Cloud Skills Boost Certified
API Development: Postman API Fundamentals Student Expert Certified
Competitions: 1x Hackathon Winner, 4x Hackathon Finalist