

RAKESH ADAK

AI Developer & Web3 Enthusiast | rakesh904664@gmail.com | +91 9046645828

[LinkedIn](#) | [GitHub](#) | Purba Medinipur, West Bengal

PROFESSIONAL SUMMARY

Frontend developer with expertise in React, Next.js, and UI/UX design, complemented by knowledge in AI and web3 technologies. Creating responsive and intuitive user interfaces that enhance user experiences while ensuring accessibility and performance. Seeking a Frontend Development internship to apply technical skills in building modern web applications and growing as a developer.

TECHNICAL SKILLS

AI & ML: Google Gemini AI, NLP, Speech Recognition, Machine Learning | **Programming:** Python, JavaScript, TypeScript, C/C++

Web: React, Next.js, Node.js, Electron, Tailwind CSS | **Blockchain:** Ethereum, Solidity, IPFS, ethers.js

Tools: Git, GitHub, n8n, Google Cloud API, Vercel

PROJECTS

Deep AI Chat | [GitHub](#)

AI-Powered Desktop Application | Jan 2025 - Present

- Developed cross-platform app integrating Google Gemini AI with n8n automation workflows
- Implemented dual AI engine system for intelligent task switching and voice capabilities
- **Technologies:** Node.js, Electron, Google Gemini AI, n8n, Google Cloud Speech API

Study Marketplace | [GitHub](#)

Decentralized Educational Platform | Feb-Mar 2025

- Built blockchain-based platform with IPFS storage and smart contract fee system
- Created interactive 3D thumbnails for enhanced visual engagement
- **Technologies:** Next.js, React, TypeScript, Tailwind CSS, Ethereum, IPFS, ethers.js

YT Amplify | [GitHub](#)

Chrome Extension | Sept-Dec 2024

- Engineered extension with real-time search functionality using YouTube API
- Developed background service workers and intuitive UI with custom animations

- **Technologies:** JavaScript (ES6+), HTML5, CSS3, Google Cloud API

EDUCATION & ACHIEVEMENTS

B.Tech in Artificial Intelligence & Machine Learning | SGPA: 8.47

Heritage Institute of Technology, Kolkata | 2024 - Present

Higher Secondary (12th) | 84% | Mahishadal Raj High School | 2021 - 2023

Hackathons: Finalist - HackQuest x EDU Chain (2025) | 3rd Place - HackHeritage'24 (2024)

Participant: NASA Space Apps Challenge (2024) | Google Solution Challenge Bootcamp (2025)

Languages: Bengali (Native), English (Proficient), Hindi (Proficient)