RESUME

Rakesh Adak

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Career Objective:

Aspiring Web Developer with expertise in web development and blockchain technology, dedicated to building innovative, privacy-focused solutions. Passionate about contributing to impactful projects that enhance user experiences while ensuring security and efficiency.

Academic Background

2024-Present: Pursuing B.Tech in Artificial Intelligence & Machine Learning, Heritage Institute of Technology, Kolkata | SGPA: 8.47.

2023: Passed Higher Secondary Exam from Mahishadal Raj High School (H.S) | 84%.

2021: Passed Secondary Exam from Mahishadal Raj High School (H.S) | 85.42%.

Projects

2025: Study Material Marketplace

Decentralized platform for trading educational materials via cryptocurrency, leveraging IPFS for censorship-resistant storage, interactive 3D thumbnails for engagement, and a sustainable platform fee model.

Tech: Next.js, React, TypeScript, Tailwind CSS, Ethereum, IPFS (Pinata), ethers.js.

2024: YT Amplify

A Chrome extension that elevates YouTube's music experience with real-time search, seamless integration, smart playlist management, and background service workers for smooth, optimized performance.

Tech: HTML5, CSS3, JavaScript (ES6+), Chrome Extension APIs (Service Workers, Storage API, Web Request API, Tabs API, Content Scripts), YouTube Data API.

Skills

Programming: C, C++, JavaScript, TypeScript, Solidity, Python.

Web Development: React, Next.js, Tailwind CSS, Node.js.

Blockchain: Ethereum, Solidity, IPFS (Pinata), ethers.js.

Soft Skills: Adaptability, Problem-Solving, Technological Awareness, Planning, Creative Thinking.

Co-curricular activities

2024: HackHeritage'24 - 3rd Place, Heritage Institute of Technology, Kolkata.

2024: NASA Space Apps Challenge, Global Hackathon - Participated.

2025: HackQuest x EDU Chain Regional Hackathon - Finalist, Techno India University, Kolkata.

2025: Attended Google Solution Challenge Regional Bootcamp, Heritage Institute of Technology, Kolkata.

Personal Profile:

Date of birth & Age: 29th August, 2005; 19 years

Father's Name: Mr. Balaram Adak

Mother's Name: Mrs. Debashree Adak

Languages known: Bengali, English, Hindi

Permanent Address: Nandakumar, Purba Medinipur, West Bengal ,721632

Date: 19th March 2025

Place: Kolkata, West Bengal

Signature