

Adarsh Jha

+91 70441 49606 ✉ adarshjhaxif@gmail.com  [adarshjha0410](#)  [adarsh-jha-dev](#) [Portfolio](#)

Education

Heritage Institute of Technology, Kolkata

Bachelor of Technology in Computer Science and Engineering — CGPA : 9.46

2022 – 2026

Kolkata, West Bengal

Experience

Humane Intelligence

Software Engineer

Sept 2024 – Current

(Work from Home)

- Develop and deploy the various **Red-Teaming** projects on [platform](#)
- Integrate multiple AI model providers
- Implement AI red-teaming features based on client requirements
- Popular Clients: **NIST, IMDA, UNESCO, DoD**
- Technologies Used: NextJS, Vercel, PostgreSQL, Docker, AWS

1 Percent Verse

Software Development Engineer Intern

Feb 2024 – May 2024

(Work from Home)

- Translated Figma-designed UI into functional code, facilitating seamless integration of the app.
- Wrote Restful APIs for the backend of the application.
- Incorporated APIs into the application's architecture to enable dynamic data retrieval and exchange.
- Technologies Used: React, Node, Express, TypeScript, Supabase.

Skills

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

Frontend: React JS, NextJS, Bootstrap, Tailwind CSS, Aceternity UI, Shadcn UI

Backend: NodeJS, ExpressJS, Nginx, Redis, WebSockets, GraphQL, Firebase, AppWrite

Databases: MongoDB, MySQL, PostgreSQL

DevOps: Docker, AWS

Projects

Snapgram | *ReactJS, AppWrite* | [Link](#) | [Repository](#)

January 2024

- Developed a React application similar to Instagram
- Users can share their images, videos, tag them, add a description.
- Like, save etc. functionalities
- Used AppWrite as the Backend
- New skills – react-query

DiffWatch | *NextJS, TypeScript, Gemini AI, Supabase* | [Link](#) | [Repository](#)

April 2026

- Built an AI-powered PR review platform generating actionable feedback in <15s
- Designed parallel analysis pipeline for diffs, CI status, vulnerabilities, and bundle impact
- Implemented multi-persona review system (Architect, Security, PM, Intern) with streaming output
- Added code insights: commit history analysis, risk detection, and anti-pattern flagging

MetaGuard AI | *NextJS, TypeScript, OpenMetadata, Gemini AI* | [Link](#) | [Repository](#)

April 2026

- Built an AI-powered data governance copilot for OpenMetadata Hackathon
- Implemented PII auto-classification using Gemini 2.5 Flash; tagged metadata via OpenMetadata APIs
- Developed governance health score (0–100) based on metadata completeness and tagging coverage
- Enabled natural language querying of metadata via AI agent with dynamic API routing