ADITYA LOUR

8077831982 | louraditya6584@gmail.com | GitHub | LinkedIn | Portfolio

SUMMARY

Full-Stack Developer (MERN) who designs, builds and deploys web applications end to end, including AI-integrated products. Built Boip, a real-time 1v1 competitive coding platform, and Losthill, a Gemini-powered lost-and-found platform with semantic and image-based search. Node.js certified (HackerRank). Open to Full-Stack and Software Engineer roles.

EXPERIENCE

Full Stack Developer Intern · Infobharat Interns Jul 2026 – Aug 2026 | Remote

- Independently designed, built and deployed a full-stack web application from initial design through production release using React, Node.js, Express and MongoDB.
- Built the RESTful API and session-based authentication behind a responsive React/Vite frontend with live search and filtering.

PROJECTS

Boip · React · Vite · Node.js · Express.js · WebSockets · Redis · MySQL · Judge0 GitHub | Live Demo

- Built a real-time 1v1 coding-duel platform where two players solve the same problem live, using WebSockets for gameplay and Redis for matchmaking.
- Run submissions in C++, Java, Python, JavaScript and C on a self-hosted Judge0 instance isolated in its own VM.
- Implemented DB-backed session authentication (httpOnly cookies) with email verification and Google sign-in; self-hosted on a home Ubuntu server behind Cloudflare Tunnel.

Losthill · Node.js · Express.js · Gemini API GitHub | Live Demo

- Built an AI-powered lost-and-found platform that matches lost and found items through semantic and image-based search, surfacing likely matches automatically instead of relying on keyword matching.

TECHNICAL SKILLS

Languages:	JavaScript, C++, Python, SQL
Frontend:	React, Vite, Next.js
Backend:	Node.js, Express.js, REST APIs, WebSockets, Session Authentication
AI / APIs:	Gemini API, Semantic Search
Databases & Cloud:	MongoDB, MySQL, Redis, Vercel, Render, Cloudflare
Tools:	Git, Postman, Linux
Core CS:	DSA, System Design

EDUCATION

Galgotias University · Bachelor of Computer Applications 2024 – 2027
CGPA: 7.3 / 10

BBS Academy · Class 12th 2023 – 2024
91.5%

CERTIFICATIONS

Node.js Certification · HackerRank