

JYOTIRMOY LAHA

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

SKILLS

Languages: JavaScript, Python, C, SQL
Backend: FastAPI, Flask, REST APIs, OAuth
Databases: MongoDB, Firestore
Frontend: HTML5, CSS3, Tailwind CSS
Tools: Git, GitHub, Postman, Firebase, Render, Netlify

PROJECTS

- AI Resume Analyzer & Skill Gap Finder** — Full-stack AI app that parses PDF resumes, performs weighted skill gap analysis, and generates role-specific improvement roadmaps. Built with Python, FastAPI, JavaScript, Tailwind CSS. ([Live](#)) · [Frontend](#) · [Backend](#)
- Mess Manager** — Real-time collaborative hostel expense tracker with Firebase Firestore sync, Google OAuth, monthly history preservation, daily/monthly toggle views, PDF export, and multi-layer security. Built with JavaScript, Firebase, Tailwind CSS. ([Live](#)) · [GitHub](#)
- J.SkyCast — Weather Dashboard** — Real-time weather dashboard with geolocation, AQI monitoring, SVG temperature graph, and dynamic weather-adaptive backgrounds. Zero dependencies. Built with JavaScript, HTML5, CSS3, WeatherAPI. ([Live](#)) · [GitHub](#)
- StudyVerse** — Immersive study tracker and daily journal built on a custom "Ambient Spatial Glass" design system. Features session logging, mood journaling, streak tracking, image gallery, and Google Sign-In. Built with HTML5, CSS3, Vanilla JS, Firebase. ([Live](#)) · [GitHub](#)
- Portfolio Website** — Single-page portfolio with animated splash screen, AI chatbot assistant (Groq/Llama 3.3 70B) with live portfolio scraping, client-side blog engine, dark/light mode, and smooth scroll animations. Built with HTML5, Tailwind CSS, Vanilla JS, Python, FastAPI. ([Live](#)) · [GitHub](#)

ACHIEVEMENTS & ACTIVITIES

Activities

- Earned GitHub achievements: Starstruck, Pull Shark, YOLO, Quickdraw — reflecting consistent open-source activity and community contribution.
- [IEEE Student Member](#) — Kolkata Section | Member #101457249 | Valid through December 2025

Achievements

- [National Entrepreneurship Challenge \(NEC\) 2025](#) — E-Cell, IIT Bombay | Rank 81, Basic Track
- [Illuminate Entrepreneurship Workshop — Coordinator](#) — Organized & conducted the workshop at BCRAPC in association with E-Cell, IIT Bombay | Nov 2025
- [Illuminate Entrepreneurship Workshop — Participant](#) — Completed the workshop in association with E-Cell, IIT Bombay | Nov 2025

EDUCATION

Bachelor of Computer Applications (BCA)

Dr. B.C. Roy Academy of Professional Courses, MAKAUT University
2024 – 2028 | Durgapur, West Bengal

ABOUT

Full-Stack Developer and BCA 2nd year student at BCRAPC, Durgapur, building production-ready web applications. Experienced in end-to-end development — responsive frontends, REST APIs, authentication systems, and real-time Firebase architectures. Currently exploring AI/ML integration and building intelligent systems. Driven by practical, real-world problem solving beyond academic coursework.