

BISWARUP BISWAS

India | bbiswasrup2005@gmail.com | LinkedIn | GitHub | Portfolio

Education

Narula Institute of Technology

B.Tech – Computer Science Engineering, CGPA: 8.33

Kolkata, West Bengal

2024 - 2028

Work Experience

AI Wallah

GenAI Developer Intern

Remote

Mar 2025 – May 2025

- Build Some real World Gen AI projects like A nutrition analysis tool or a smart notebook app which actually can help user to boost their productivity and improve their lifestyle.

Girlsript Summer of Code

Open Source Contributor

Remote

Nov 2024 – Dec 2024

- I, myself as a open source contributor, regularly engage with the community to review pull requests, provide feedback, and assist in project documentation. Focused on enhancing software accessibility, performance, and user experience across diverse projects.%

Projects

Sanjeevani: AI Healthcare Platform

Telegram Bot || Source Code

Kolkata, India

Oct 2025 – Present

Tech Stack: MongoDB, Express, Node.js, React, Tailwind CSS, REST APIs, Telegram Bot API, LLM, node-cron

- Reduced information retrieval time by 40% by optimizing data flow and UI/UX, enabling faster access to critical medical information.
- Increased user engagement by 60% by implementing a responsive, user-centric interface with real-time interactions.
- Achieved 99.5% uptime and supported 1,000+ concurrent users by designing a scalable backend architecture.

DevArena: Developer Contest Aggregator

Live Website || Source Code

Remote

2025

Tech Stack: Next.js, TypeScript, React, Node.js, REST APIs, Axios, Cheerio, Tailwind CSS, ShadCN UI, Framer Motion

- Aggregated 500+ hackathons and coding contests using REST APIs and web scraping (Axios, Cheerio), creating a unified platform.
- Reduced manual search effort by 70% by centralizing real-time contest data into a single interface.
- Built a high-performance Next.js app with optimized API routes and SSR, achieving fast load times (<2s).
- Enhanced user engagement with dynamic UI and animations using Tailwind CSS and Framer Motion.

Technical Skills

Languages: C, C++, Python, JavaScript

Backend: Node.js, Express, Typescript, JWT, OAuth, REST API, WebSocket, WebRTC

Frontend: React, Next.js, Material UI, Bootstrap, Tailwind, Shadcn, Framer Motion

Databases: MySQL, PostgreSQL, MongoDB

Tools & Infra: Git, Linux, Docker

Machine Learning: Numpy, Pandas, SciKit Learn (basics)

Awards & Achievements

- Secured 5th position in SIH Inter-College Hackathon among 150+ teams.
- Selected among 20 teams in finals from 100+ teams - Hackloop Hackathon