

Nilesh Kumar Pahari

nileshpahari777@gmail.com | nileshkrpahari.xyz | Haldia, West Bengal, India

GitHub: github.com/nileshpahari | LinkedIn: linkedin.com/in/nileshpahari

Professional Summary

Information Technology undergraduate with proficient development skills. Built multiple real-time and scalable apps. Passionate about problem-solving, open-source, and delivering clean, efficient code and maintainable code.

Education

Haldia Institute of Technology	2024 – 2028
BTech in Information Technology	GPA: 9.04/10

Projects

- **Contest Pulse** Live | GitHub
A web app to explore upcoming coding contests from platforms such as Codeforces, LeetCode, and CodeChef. Users can bookmark contests and enable notifications.
Tech: Next.js, TypeScript, Tailwind CSS, NextAuth, Prisma
- **Clipzo** Live | GitHub
A web app that allows users to download video/audio from youtube and other platforms with custom options using yt-dlp and ffmpeg.
Tech: Rust, Typescript, Next.js, Axum, Yt-dlp, FFmpeg, NextAuth, Tailwind CSS
- **Codeforces MCP** Live | GitHub
A MCP server for Codeforces that can be used to fetch different resources from Codeforces.
Tech: Node.js, TypeScript, Zod
- **Walliy** Live | GitHub
A web-based crypto wallet to store private keys and interact with blockchain.
Tech: Next.js, TypeScript, Tailwind CSS
- **Media Sphere** GitHub
Backend service for a media-sharing platform like YouTube. Includes video upload, metadata storage, and REST APIs.
Tech: Node.js, Express, MongoDB, TypeScript
- **React Blog** Live | GitHub
Medium-like blog platform where users can create, read, update, and delete articles.
Tech: React, Redux, Tailwind CSS, TinyMCE, Appwrite
- **Top Chess** GitHub
A real-time multiplayer chess platform with WebSocket-based gameplay similar to Chess.com or Lichess.
Tech: React, Tailwind CSS, WebSockets, TypeScript, Prisma

Extracurriculars

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| Web Developer , Google Developer Groups – HIT, Haldia | March 2025 – Present |
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- Organized a one-day React workshop at college, attended by 50+ participants.
 - Contributed code to the blogging platform of the GDG HIT website: gdghit.site

Technologies

Languages: TypeScript, JavaScript, Rust, C++, C, Bash, HTML, CSS

Frameworks & Libraries: React.js, Next.js, Express.js, Axum, Redux, Tailwind CSS, Mongoose, Prisma ORM

Databases: PostgreSQL, MongoDB

Tools & Platforms: Git, AWS, Vercel, Docker

Other: Linux (Desktop), REST APIs, WebSockets, JWT