Nilesh Kumar Pahari

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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 Computer science and engineering   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**   *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

Web Developer, Google Developer Groups – HIT, Haldia   March 2025 – Present
- 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, Python, 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