Abhay Kumar Gupta

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Professional Summary

Skilled full-stack developer with a focus on backend and DevOps. Experienced in building scalable backend systems (Node.js,
Python, Java) and managing cloud infrastructure (AWS, Docker, Kubernetes). Strong in automating deployments with CI/CD
pipelines and optimizing performance. A problem-solver with hands-on experience in delivering efficient, high-quality
solutions

Education

B.tech in computer science at Cambridge Institute of Technology, Ranchi

2021 - 2025

Intermediate at Jh college

2019 - 2025

Projects

BlogHub

React.js, Node.js, Express.js, Postgres, Zod, Tailwind
- Developed a responsive blogging platform with React, enabling users to register, log in, and
manage blog posts (create, edit, delete).
- Implemented secure JWT-based authentication and data validation using Zod to ensure input
integrity.
- Built a scalable backend with Express and Node.js, and used PostgreSQL for efficient data
storage and management.
- Delivered a dynamic, real-time user experience through seamless integration of the frontend
and backend systems.

Synmu

Next.js, TypeScript, Next-auth, Lucid-react, Tailwind, WebSocket, PostgreSQL, Docker
- Built a collaborative music platform using Next.js, TypeScript, and WebSocket for real-time
song ranking based on user likes.
- Integrated Next-auth for secure user authentication and session management.
- Managed real-time updates and state synchronization with Lucid-react, ensuring a smooth
user experience.
- Utilized PostgreSQL to store user data, song rankings, and interactions efficiently.
- Containerized the application with Docker for consistent development and streamlined
deployment.

Skills

typescript   node   js   docker