



Abhishek Kumar Jha

B.Tech. in Computer Science and Engineering
Sikkim Manipal Institute of Technology, Sikkim

+91-9002644949
akjha418@gmail.com
[linkedin.com/in/thisisabhishekjha](https://www.linkedin.com/in/thisisabhishekjha)
github.com/AbhishekJha1916
<https://potfolio-teal.vercel.app/>

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (CSE)	Sikkim Manipal Institute of Technology	8.24	2020-2024

EXPERIENCE

- NHPC Limited (Government of India Enterprise)** Jan 2024 - Apr 2024
Software Engineer Intern Faridabad, India
 - Designed and developed a dynamic mobile dashboard application, enabling intuitive navigation and efficient data retrieval.
 - Implemented performance optimizations, using asynchronous programming in Dart and state management techniques to ensure a seamless and responsive user experience.
 - Conducted in-depth requirement analysis, architected scalable solutions, and integrated interactive UI components (i.e., charts and graphs) with efficient data handling.
 - Developed APIs using NodeJS and SQL databases, ensuring secure and optimized back-end communication.**Technology:** Flutter, Dart, NodeJS, SQL, Oracle, Git, Python.

PROJECTS

- Harmony Music Player** Jan 2025 - Mar 2025
[Live Demo](#)
 - Developed a dynamic music streaming platform allowing users to play, manage, and organize their favorite songs.
 - Designed an engaging UI with React and Tailwind CSS for smooth navigation and enhanced user experience.
 - Implemented real-time song updates and playlist management using state management with Zustand.
 - Built a scalable backend with Node.js and Express.js, ensuring secure authentication and data handling.**Technology:** React, Vite, JavaScript, Tailwind CSS, Socket.io, Node.js, MongoDB, Mongoose, JWT, Zustand

- Echo Chatting Application** Oct 2024 - Dec 2024
[Live Demo](#)
 - Designed and developed a real-time chat application with an intuitive and responsive UI, enabling seamless user communication.
 - Implemented WebSocket functionality using Socket.io for real-time messaging in private and group chats.
 - Integrated JWT authentication for secure user access and role-based authorization.
 - Developed a robust backend using Node.js and Express.js with MongoDB and Mongoose for efficient data handling.**Technology:** React, Vite, JavaScript, Tailwind CSS, Socket.io, Node.js, MongoDB, Mongoose, JWT, Zustand

CERTIFICATIONS

- C++ and Data Structures and Algorithm** , course certification from Coding Ninjas 2023
- Data Analytics in Python** , course certification from NPTEL 2022
- Data-Driven Decision Making** , course certification from Coursera 2022