



# Abhishek Kumar Jha

B.Tech. in Computer Science and Engineering  
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## 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

## SKILLS

- Languages:** Python, JavaScript, C++, SQL, Dart
- Frameworks:** Tailwind CSS, TypeScript, React.js, Node.js, Express.js
- Databases:** MySQL, MongoDB, Oracle
- Graphic Design:** Adobe Photoshop, Illustrator, InDesign, Autodesk3D
- Video Editing:** Adobe Premiere Pro
- UI/UX Design:** Adobe XD, Figma
- Data Analysis:** Python (NumPy, Pandas, Matplotlib), SQL

## CERTIFICATIONS

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| • <b>C++ and Data Structures and Algorithm</b> , course certification from Coding Ninjas | 2023 |
| • <b>Data Analytics in Python</b> , course certification from NPTEL                      | 2022 |
| • <b>Data-Driven Decision Making</b> , course certification from Coursera                | 2022 |