

Piyush

Bachelor Of Technology
Artificial Intelligence and Data Science
Guru Tegh Bahadur Institute of Technology, New Delhi

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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B. Tech	Guru Tegh Bahadur Institute of Technology, Delhi	8.3	2026
Senior Secondary	CBSE	68%	2021
Secondary	CBSE	70%	2019

Experience

Smart India Hackathon 2024 – Assured Contract Farming System

Hackathon Project, Team CodeSow

- Built a **Smart Contract Farming Platform** to connect farmers directly with buyers for stable market access.
- Implemented **secure digital contracts, automated payments, and AI-based market insights** for better pricing and decision-making.
- Used **Node.js, React, SQL/NoSQL, AWS, and APIs** to develop the platform.
- Designed a **bidding system** to ensure fair pricing and transparency.

PROJECTS

Music School Website [LINK]

Tech Stack: Next.js, TypeScript, Tailwind CSS (Aceternity UI)

Engineered a full-stack, production-grade web application for a music academy with real-time form handling and seamless deployment.

- Developed a fully responsive frontend using **Next.js, TypeScript, and Tailwind CSS (Aceternity UI)** with a clean, accessible UI/UX.
- Built and deployed a robust **Express.js** backend on **Render** to manage contact form submissions.
- Integrated the frontend with a secure **REST API**, storing user inquiries in **MongoDB Atlas**, ensuring reliable end-to-end data flow.
- Used **Formik** and **Yup** for form state management and validation to improve data accuracy and user experience.
- Deployed the frontend on **Vercel** for fast, serverless rendering and global performance optimization.
- Followed best practices in architecture, deployment, and version control (Git) for a scalable, maintainable codebase..

Portfolio Website

Tech Stack: React, HTML, CSS

- Built a **personal portfolio website** to showcase projects and skills.
- Designed a **clean and responsive UI** for optimal viewing across devices.
- Implemented **smooth navigation** and **interactive elements** for an engaging user experience.

Skills

- **Programming Languages:** JavaScript, Typescript, SQL, C/C++
- **Backend:** Node.js, Express.js, RESTful APIs, MongoDB, NoSQL
- **Frontend:** JavaScript, TypeScript, React.js, HTML5, CSS, Tailwind CSS
- **Deployment Tools:** Git, GitHub
- **Concepts:** Data Structures, OOPs, Operating System, DBMS
- **Framework:** Next js