Piyush

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

+91-7827407746
piyushbagoria018@gmail.com
LinkedIn
GitHub

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), Node.js, Express.js, MongoDB Atlas

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, Vite, CSS | **Key Libraries**: Formik + Yup, Framer Motion, EmailJS*

- Built a **modern**, **fully responsive** developer portfolio to showcase **projects**, **skills**, and **contact information**
- Designed a **clean UI** with **mobile-first responsiveness** and **custom animations** using **Framer Motion** and **AOS**
- Integrated a **contact form** with **Formik validation** and **EmailJS** for **real-time email delivery**
- Added **toast notifications** for form feedback using **React Toastify**
- Featured **interactive UI components**, including a **typewriter-effect hero section** and **project carousel**
- Applied **modular, component-based architecture** for easy **scalability and maintenance**
- Optimized for **smooth scrolling**, **fast performance**, and **intuitive navigation**

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