

PIYUSH JOSHI

Aspiring AI/ML Engineer

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#)

EDUCATION

G.L. Bajaj Institute of Technology and Management

Bachelors of Technology Information Technology

CGPA: 8.8

Greater Noida, Uttar Pradesh

Aug 2023 - Present

Swami Vivekanand Govt Model School

PCM Intermediate

Percentage: 88.5%

Suratgarh, Rajasthan

2020 - 2022

St. Andrews Convent School

Degree in High School

Percentage: 87.5%

Jaisar, Rajasthan

2018 - 2020

SKILLS

Programming Languages: SQL, JavaScript, Python, Java, Html, C
Libraries/Frameworks: Pandas, NumPy, Scikit-Learn, Matplotlib, Java Script, React
Tools / Platforms: VS Code, Git, Jupyter Notebook, Google Colab, IntelliJ Idea
Databases: SQL, MongoDB, MySQL

PROJECTS / OPEN-SOURCE

Tourist Companion Website

HTML, CSS, JavaScript

Built a responsive tourism web application enabling users to explore destinations and book hotels, flights, and activities.

Integrated maps, weather updates, user reviews, and secure login for personalized itinerary management.

Real-Time Sign Language Video Calling Platform

React, JavaScript, WebRTC, FastAPI, WebSockets,

HTML, CSS, AI/ML (Speech-to-Text, Sign Recognition), Git

Built a real-time, accessibility-focused video calling platform enabling communication between deaf/mute and hearing users.

Implemented low-latency peer-to-peer video/audio using WebRTC with FastAPI and WebSocket-based signaling.

Integrated AI-driven speech-to-text and sign-language translation workflows for inclusive, bidirectional communication.

Monastery360 | [Link](#)

React.js, Tailwind CSS, JavaScript (ES6), HTML5, CSS3, Pannellum.js (360 tours),

Google Maps API, Booking.com API, Zomato API, RedBus API, Chatbot Integration, Node.js + Express.js, MongoDB, Git/GitHub.

Developed an interactive platform to digitally preserve and showcase Sikkims monasteries using 360 virtual tours and interactive maps.

Implemented immersive user experience with modern UI, virtual walkthroughs, cultural highlights, and chatbot-based visitor assistance.

SmartDoc AI Intelligent Document Analysis Platform | [Link](#)

TypeScript, CSS, Nix, Dockerfile,

JavaScript

Developed a full-stack AI-powered document intelligence platform that summarizes documents, enables conversational chat with documents, compares multiple documents, generates mind maps, and provides deep contextual analysis. Built with modern web technologies and deployed on Vercel for real-world usage.

Immersive 3D Developer Portfolio | [Link](#)

Next.js, React, TypeScript, Tailwind CSS, Three.js, GSAP,

Firebase

Built an immersive 3D developer portfolio using Next.js, Three.js, and GSAP with smooth animations and Firebase backend integration.

CERTIFICATIONS

- Artificial Intelligence Beginners Guide - Simpli Learn.
- Ai Essentials: Introduction to Ai - Udemy.
- What Is Generative Ai - Linkedin Learning.
- DSA With Java - Apna College.
- Introduction to Deep Learning - Infosys Springboard.
- Python Essentials - Cisco Networking Academy.
- Excalibur of Techspardha NIT Kurukshetra Hackathon - **NIT Kurukshetra** | **Unstop**

HONORS & AWARDS

- Cisco Python Essentials Certification
- Earned 20+ Microsoft Azure AI Fundamentals Badges
- Participated in National Hackathons (NIT Kurukshetra)