Avnish Jha

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https://avnish-jha-portfolio-rho-opal-64.vercel.app/

Education

Madhav Institute Of Technology and Science,Gwalior, Madhya Pradesh , B.Tech in Internet Of Things(IoT) Engineering CGPA: 8.87/10	2022-2026
Govt.School Of EXcellence NO.1, Morar, Gwalior, Class XII Percentage: 92/100	2021-2022
Govt.School Of EXcellence NO.1, Morar, Gwalior, Class X Percentage: 97/100	2019-2020

Technical skills

Languages: C++, HTML,CSS, PYTHON , SQL, JavaScript

Academic Coursework: Data structure and Alogorithm, OOPS,Operating System,DBMS,Deep Learning, Artificial intelligence, Data Science and Machine Learning.

Soft Skills: Communication skills ,Problem Solving,Self Learning,Adaptability,Teamwork, and Time Management.

Experience

Full Stack Web Developer Intern (On-Site) — July 2025 – Aug 2025
DigiMonk Technologies — Gwalior, (M.P)
- Developed and deployed an AI-powered chatbot during internship using **FastAPI**, LangChain, Python, and a vector database to handle event-related queries with context-aware responses.

Coding Profile

- Leetcode: https://leetcode.com/u/avnish1111jha/
- GeeksforGeeks: https://www.geeksforgeeks.org/user/avnish121k2/
- Github: https://github.com/Avnish706

Projects

Design and Implementation of an AI-Driven IoT-Based Dust Cleaning System for PV Modules — github.com/name/repo
- An AI-powered IoT system detects dust on solar panels using image classification. It automatically triggers cleaning mechanism to maintain optimal energy efficiency.
- Tools Used: ESP32 , OpenCV /TensorFlow/Keras , Webcam , Python , Motors and Relay Modules, MQTT, Arduino IDE

ChatBot– Your Intelligent Web Assistant For events Related Information — github.com/name/repo
- This project aims to build an interactive chatbot using React and NLP techniques to provide real-time responses and enhance user engagement on web platforms.
- Tools Used: Python ,FastApi, json, React (Vite-powered) , Postman API , Langchain , Gemini Api Key

An Online Food Ordering website — github.com/name/repo
- It is a user-friendly online food ordering platform that connects customers. It allows users to browse menus,add orders to the cart.
- Tools Used: HTML, CSS , Java Script

Certificates/Achievements

- Two-week training Certificate on IoT and Edge AI at MITS Gwalior (M.P).
  View Certificate
- 700+ DSA Questions Solved on platforms like **Leetcode** and **GFG**.