




ROSHAN PANDAY


SYSTEM ARCHITECT | FULL-STACK
DEVELOPER


MCA Graduate and System Architect with experience in designing high-performance web systems and integrating offline AI capabilities. Proficient in bridging complex backend logic with modern frontend interfaces. Passionate about creating secure, autonomous digital ecosystems and optimizing workflows through custom automation solutions.


CONTACT

 portfolio-website.com

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TECHNICAL SKILLS

System Architecture

Offline AI / LLMs

Python

PHP / Laravel

React.js

Node.js

SQL

Linux / Bash

Git / GitHub

Docker

EXPERIENCE

System Architect & Developer

2023 - Present

Freelance / Independent

- Architected custom web solutions and integrated offline AI models into local workflows.
- Developing "ROZA", a personal AI assistant optimized for local hardware execution and autonomous task management.
- Managed full-stack deployment cycles ensuring 99.9% uptime and implementation of security best practices.

Website & Office Coordinator

Aug 2021 - Dec 2022

Labour Party of India

- Managed the official organization website and handled secure digital record-keeping.
- Improved backend database performance using SQL for efficient member management.
- Coordinated digital office operations and implemented data security protocols.

EDUCATION

Master of Computer Applications (MCA)

2023


Maharaja Agrasen Himalayan Garhwal University

Bachelor of Computer Applications (BCA)


2021

Maharaja Agrasen Himalayan Garhwal University

PERSONAL DETAILS

 12 July 2000

 English, Hindi


 Indian

CERTIFICATIONS

 **CCNA: Intro to Networks**
Cisco Networking Academy

 **PCAP: Python Essentials**
Cisco

 **Cybersecurity Essentials**
Cisco Networking Academy

 **MySQL Database Mgmt**
Database Optimization

KEY PROJECTS

Bhandari Adventure Platform

Lead Architect for a Rishikesh-based tourism company. Built a custom CMS for tour packages, optimized for SEO and speed, resulting in increased digital booking inquiries.

ROZA AI Assistant (Offline)

Engineering an offline AI personal assistant with voice interaction and local task management capabilities. Optimized to run on consumer hardware (RTX 3070 Ti) without cloud dependency.

Gaming Content Network (@tigml)

Managing a technical gaming channel for Mobile Legends & Honor of Kings. Producing data-driven comparison guides, strategy analysis, and gameplay optimizations.

MSB E-Trade Support System

Provided technical software support and managed user accounts. Streamlined troubleshooting processes for a smoother end-user experience.

DECLARATION

I hereby declare that all the information stated above is true and correct to the best of my knowledge and belief. I shall be fully responsible for the authenticity of the information provided.

Roshan Panday

Place: New Delhi