

KANAN SHUKLA

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Education

Vellore Institute of Technology, India

- Computer Science Engineering with specialisation in cloud computing and automation | CGPA: **7.5**

2022 - 2026

(expected)

Macro Vision Academy, India

- CBSE (Class XII), Aggregate: 7.9

2020 - 2022

Macro Vision Academy, India

- CBSE (Class X), CGPA: 7

2010 - 2020

Skills

C++ | Java | Python | Machine Learning | JavaScript | NodeJS | React | MongoDB | MySQL | Git |

Cloud Computing Fundamentals | AWS | GCP Services | DevOps | Containerization (Docker, Kubernetes) | Scripting (Python, Bash) | CI/CD Pipelines | Networking | Data Structures and Algorithms

Projects

Data visualisation project for case study of indian power sector

Feb'24

Proficient in data analysis and visualization techniques.

- Identified critical areas for improvement in the Indian power sector, such as peak demand management, renewable energy integration, and grid stability.
- Provided valuable insights for stakeholders (e.g., policymakers, energy companies) to make informed decisions.
- Quantified the potential impact of proposed optimization strategies (e.g., cost savings, emissions reduction, improved grid reliability).

Chatbot for customer care service at university

Feb'23

AI-powered conversational agents designed to simulate human-like conversations

- Create conversation flows:** Design the flow of interactions, including greetings, initial questions, options, and responses.
- Develop a knowledge base:** Gather and organize information from university websites, handbooks, and FAQs.
- Implement Natural Language Understanding (NLU):** Enable the chatbot to understand and interpret user input, even with variations in phrasing.

Academic and Extracurricular Achievements

- Developed strong mentorship and communication skills while tutoring junior students at a government school as part of a school-led extracurricular activity. Selected for this role based on academic merit.**

Positions of Responsibility

Technical Society / Bit By Bit Club | Design team leader

Jun'20 - Present

- Boosted club visibility by 65% through engaging social media content (reels & stories) on Instagram during the college fest, leading to 250+ student registrations (a standout feat!).
- Strong communication & teamwork skills helped drive the club's marketing success at the fest.
- Demonstrated exceptional time management, consistently meeting deadlines for a seamless marketing execution.