JIGYASA CHOURASIA

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EDUCATION

B. Tech. (Computer Science and Engineering with specialization in AIML)
Lakshmi Narain College of Technology, Bhopal || **2021 - 2025**
CGPA: 8.13/10

XII (CBSE)
Bharat Bharti Vidyalaya, Chhindwara || **2020 - 2021**
Percentage: 79.4%

X (CBSE)
Bharat Bharti Vidyalaya, Chhindwara || **2018 - 2019**
Percentage: 87.4%

PROJECTS

Machine Learning Preprocesser using CLI - *Python, Machine Learning, Command Line Interface*
- Developed a command-line interface (CLI) tool for preprocessing datasets for machine learning tasks.
- Implemented functionalities for handling missing values, normalization, and encoding categorical data.
- Utilized Pandas for efficient data manipulation and NumPy for numerical operations.

Supply Chain Optimization - *Python, Machine Learning, Matplotlib, NumPy, SARIMA*
- Developed a supply chain optimization system to forecast demand and optimize inventory levels.
- Implemented SARIMA (Seasonal AutoRegressive Integrated Moving Average) model for time series forecasting.
- Applied machine learning techniques to identify patterns and improve forecast accuracy.

Employee Management System - *HTML, CSS, Bootstrap, JavaScript, Django*
- Developed a web-based Employee Management System to efficiently manage employee data and operations.
- Designed the front-end using HTML for structuring the content and CSS for styling, ensuring a responsive and user-friendly interface.
- Implemented Django as the back-end framework to manage server-side logic, database interactions, and user authentication.

SKILLS

Programming Languages:	C++, Python, JavaScript
Libraries / Framework:	Django, CSS, HTML, Pandas, NumPy, Matplotlib, Bootstrap, Tailwind, OpenCV
Other Tools:	Git & GitHub, SQL, DBMS, DSA, Machine Learning

ACHIEVEMENTS AND CERTIFICATES

- Ex-Instructor at AICTE IoT Club