Kaustubh Muley

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LeetCode / **CodeChef** / **Codeforces** / **Linkedin**   Mobile: +91 7972903306

EDUCATION

Vishwakarma Institute of Technology, Pune	**Nov 2022 - Present**
B.Tech – AI&DS | CGPA: 8.63	Pune, India
Swa Savarkar Madhamik Vidyalaya, Beed	**Jun 2019 - May 2021**
Maharashtra Board Education | 12th: 98.33%	Beed, India

EXPERIENCE

Multimedia Head	**April 2024 - Present**

Susanskrit Bharat (club)

- Led end-to-end multimedia production for **15+ college events**, utilizing Adobe Premiere Pro and Blender to deliver high-impact AV experiences, **enhancing attendee satisfaction by 30%**.

PERSONAL PROJECTS

KrishiSanjivani   *HTML, JS, MySQL, Tailwind CSS, ARIMA, Random Forest.*

- Developed a **machine learning-based price forecasting platform** using ARIMA and Random Forest algorithms, achieving **95% prediction accuracy** for agricultural commodities.
- Spearheaded the development of a MySQL-backed system with a responsive UI using Tailwind CSS and Material UI, enhancing data visualization, and cutting reporting time by 2 hours per week.
- Built a **data-driven pricing model** to generate real-time market insights, empowering **50+ farmers** with actionable data and **reducing financial risks by 25%**.

Cricket Stadium Management System   Java, *Object-Oriented Programming (OOP).*

- Prepared a **Java-based Cricket Stadium Management System** using **OOP principles** and the full **software development lifecycle (SDLC).**
- Created an **intuitive Java Swing GUI** to automate scheduling and resource allocation, **reducing administrative workload by 35%**.
- Integrated **MySQL** for real-time data management, automating ticket bookings and **cutting manual errors by 40%**.

BBros   *LangFlow, LLM, AstraDB.*

- Built a **real-time Twitter analytics tool** with NLP-driven sentiment analysis and AI-powered ad generation using Streamlit and LangFlow framework.
- Integrated **AstraDB NoSQL database** to optimize tweet storage scalability by **50%** and deployed Ollama for AI-powered ad campaigns, **boosting user engagement by 40%.**
- Designed a **low-code analytics dashboard** using Streamlit and LangFlow, **reducing manual data processing by 60%** and accelerating issue resolution by 45%.

SKILLS

- **Languages:** C, C++, Python, Java
- **Databases:** SQL: MySQL
- **Tools and Environments:** VScode
- **Coursework:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Database Management System (DBMS)

ACHIEVEMENTS

- Finalist At Smart India Hackathon
- Solved 300+ DSA problems across LeetCode, CodeChef, Codeforces, and GeeksforGeeks.

CERTIFICATION

- Fandamentals of Deep Learning – NVIDIA
- Web Development – Udemy