AARYA DESHMUKH

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Education

B.Tech. in CSE with AIML (8.3 CGPA) **2022 – 2026**
Sardar Patel Institute of Technology *Mumbai, Maharashtra*

HSC (87.67%) **2020 – 2022**
Ramnivas Ruia College *Mumbai, Maharashtra*

SSC (98%) **2010 – 2020**
C.S.S. High School *Mumbai, Maharashtra*

Technical Skills

Programming Languages: Python, C, C++ (Basic), MySQL
Web Development: HTML, CSS, JavaScript, Flask
AI/ML Tools: NumPy, Pandas, TensorFlow, LangChain, NLP, Dialogflow
Data Visualization: Matplotlib, Seaborn
Soft Skills: Leadership, Teamwork
Languages: English, Hindi, Marathi

Projects

CareerYatra – Job Matching Platform | *Python, NLP, ML, Flask, MySQL*
- Developed an AI-powered job matching platform tailored for the Indian job market, addressing inefficiencies in traditional systems.
- Implemented a context-aware algorithm using NLP to analyze job descriptions and match candidates precisely.
- Built a recommendation system that provides personalized job suggestions based on skills, experience, and preferences.
- Designed and managed a MySQL database for user profiles, job listings, and application tracking.
- Ensured scalability and efficiency by using Flask for backend integration with ML models.

AI-Based Travel Website (MakeMyTrip-Inspired) | *HTML, CSS, Flask, LangChain, NLP*
- Developed an AI-powered chatbot for travel planning, capable of suggesting hotels and flights based on user preferences.
- Integrated LangChain and LLM for conversational queries, enabling real-time decision-making for users.
- Implemented advanced algorithms to recommend personalized travel packages by analyzing user interests and budgets.

Food Ordering and Tracking Chatbot | *HTML, CSS, FastAPI, NLP, MySQL, Dialogflow*
- Built a chatbot to automate food ordering and tracking, reducing manual intervention for users and businesses.
- Leveraged Dialogflow and NLP to understand and respond to user queries accurately.
- Integrated MySQL for efficient order management and real-time status updates.

AI-Driven CareerYatra Platform (Career Guidance Module) | *Python, ML, BeautifulSoup, NLP*
- Developed a career guidance system that recommends courses tailored to user inputs.
- Applied web scraping using BeautifulSoup to fetch course photos, enhancing the user interface and experience.
- Created a user-friendly system for students and professionals to explore career paths and skill requirements.

Extracurricular Activities

Achieved **5th Rank in India** in Abacus National Competition.

Won multiple **Quiz Competitions**, including the prestigious C.D Ward Quiz in Mumbai.