Suraj Jangavali

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SKILLS

Languages: : Python, JavaScript
Web Tech : HTML, CSS, React, Node.js, Express , PHP , MySql, MongoDb
AI/ML Tools: Scikit-learn, TensorFlow (basic), Keras (basic), NumPy, Pandas, OpenCV, Matplotlib
Tools & Platforms: Git, GitHub, Google Colab, Jupyter Notebook, Docker

EDUCATION

KLS Gogte Institute of Technology , Belgaum   Feb 2023 - Oct 2025
Master of Computer Application   *Current GPA: 7.8 /10.0*

Related Coursework: Data Structure and Algorithm, DBMS (MySQL), Web Development , Machine Learning, Artificial Intelligence

Global College of BCA , Hubli   June 2019 - Jan 2023
Bachelors of Computer Applications   *GPA: 7.2 /10.0*

Related Coursework: Software Engineering , System Analysis & Design , Operating System, Introduction to Unix.

EXPERIENCE

Nantech Solutions , Hubli   May 2025 - Present
Full Stack Developer Intern

- Implementing **Single Sign-On (SSO)** using Keycloak and OpenID Connect for a GST-compliant Accounting Software System.
- Creating and configuring a **Super Super Admin** role in the Keycloak Admin Panel to manage applications, user roles, sessions, and access policies across multiple organizations.
- Setting up organization-specific realms and mapped client applications within Keycloak to support multi-tenant architecture.
- Integrating Keycloak clients with legacy PHP modules to enable centralized and seamless user authentication

PROJECTS

🎂 **Smart Cake Bakery System |** *HTML ,CSS, JavaScript, PHP*
Designed a full-stack e-commerce web platform with Admin Panel for **Happy Cakes, Nipani**, streamlining online cake orders and customization

- Designed an intuitive and user-friendly interface to enhance the customer experience.
- Provided three ordering options: **custom design upload, AI-generated images (Stable Diffusion API), and pre-designed cakes**
- Used Stable Diffusion API to auto-generate cake design images — demonstrating early AI integration skills.
- Implemented a **PHP-based backend** with **MySQL database** to manage orders, user data, and payment processing.
- Developed a secure **admin panel** enabling the bakery to **manage users, orders, cakes, and view customer feedback** efficiently through a centralized dashboard

🧠 **LLM-Powered Financial News Research Tool |** *LangChain, OpenAI, Streamlit, Python, FAISS*
Developed an end-to-end Generative AI application to streamline financial news analysis for equity research analysts

- Automated **data ingestion** by utilizing LangChain's unstructured URL loader to fetch and process financial news articles
- implemented **recursive text splitting** to break down the articles into smaller chunks for easier and more efficient analysis.
- I generated vector embeddings using OpenAI's models and stored them in an in-memory **vector database** to facilitate rapid similarity searches
- I built a question-answering system using **LangChain's RetrievalQA** with Sources Chain, allowing users to query the knowledge base and receive concise answers with relevant source references.
- I developed an interactive user interface with **Streamlit**, enabling analysts to input queries and obtain relevant information quickly

CERTIFICATIONS

- Completed certifications in Python from **Spoken Tutorials** and **GeeksforGeeks** by successfully passing the examinations.
- Completed a certification in **Generative AI for Everyone** by **DeepLearning.AI**.
- **Emerging Technologies Workshop – Experimenting with REST APIs using Webex Teams**: Completed a workshop on RESTful APIs, utilizing **Cisco Spark** and **Postman** for API calls, and automating tasks with Python.
- Completed a short course on **LangChain for LLM Application Development** by **DeepLearning.AI**.