Sharvari Pawar

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Portfolio: Portfolio website

SUMMARY

AI/ML enthusiast with hands on experience in **building RAG applications**, **real-time object tracking** and Proficient in, **C++**, **Python**, and front-end technologies like **react.js, next.js**. Have strong foundation in computer fundamentals and problem solving skills.

EDUCATION

- **AISSMS College Of Engineering** Pune, Maharashtra
  Bachelor of Engineering in Computer Engineering, GPA: 8.72 *Sep 2021 – present*

- **Bapuji College** Karad, Maharashtra
  12th Grade, Percentage: 94.33 *Mar 2021*

SKILLS SUMMARY

- **Languages**: C++, Python, HTML, CSS, JavaScript, SQL,TypeScript
- **Libraries**: TensorFlow, Nltk, Pandas, React.js, Next.js, Tailwind CSS, Langchain, LLamaIndex
- **Tools**: Git, MySQL, MongoDB, ChromaDB
- **Soft Skills**: Collaboration and Teamwork, Strong Problem-Solving Skills, Effective Communication, Adaptability and Continuous Learning, Time Management

PROJECTS

- **Document Q&A Chatbot** Apr. 2025 – Present
  Key Skills: LlamaIndex, ChromaDB, Streamlit, Groq API, HuggingFace Embeddings *Project Link*
  - Designed and implemented a document question-answering system using LlamaIndex for efficient data ingestion and retrieval.
  - Developed a persistent vector storage solution using ChromaDB, enabling scalable document indexing and similarity search.
  - Created an intuitive Streamlit frontend interface for user interaction with the document knowledge base.
  - Integrated Groq's LLM API for high-performance query processing and response generation.
  - Utilized HuggingFace embeddings to transform documents into vector representations for semantic search.
  - Built a complete pipeline from document ingestion to query processing, achieving accurate and context-aware responses.

- **Road Anomaly Detection** Aug. 2024 – Present
  Key Skills: YOLO v9, Python, Leaflet, React.js, Computer vision. *Mentor: A.M. Jagtap*
  - Developed a road anomaly detection system.
  - Used YOLOv9 model for high precision road anomaly detection.
  - Integrated Leaflet for visualization of anomalies.

- **Employee Churn Prediction** Mar. 2025 – Apr. 2025
  Key Skills: TensorFlow, ANN, Machine Learning, Feature Engineering, Streamlit *Project Link*
  - Developed a machine learning system to predict employee churn using Artificial Neural Networks (ANN).
  - Performed data preprocessing and feature engineering to enhance model performance and accuracy.
  - Built and trained a classification model using TensorFlow to determine if an employee will stay or leave.
  - Deployed the model using Streamlit for interactive and user-friendly access.

- **PetSoft – Pet Day Care Management System** Sep. 2024 – Dec. 2024
  Key Skills: Next.js, Prisma, Stripe, TypeScript *Project Link*
  - Developed a user-friendly application for managing pet day care operations.
  - Implemented secure payment processing with Stripe.
  - Utilized NextAuth for user authentication and Prisma for database management.

CERTIFICATIONS

- **Generative AI with LangChain and Hugging Face** – *Udemy*
- **Data Structures and Algorithms Certification** – *NPTEL*
- **MERN Stack Certification** – *100xDev*