

### ABOUT ME

Tech enthusiast with a passion for innovation and problemsolving. Aspiring to embark on a dynamic career as a Python,SQL, HTML, CSS , Angular, Node Js and JS developer. Dedicated to creating captivating, user-centric web applications with seamless functionality and stunning design

### TECHNICAL SKILLS

- **Programming Language** :Python,SQL,Javascript
- **Python Libraries** : Numpy, pandas
- **FrameWorks** :llamaindex,langchain
- **Front End** : Angular, HTML, CSS
- **Back End** : Node.js, Express.js
- **Databases:** MySQL
- **Tools:** Axure RP, Figma

### WORK EXPERIENCE

#### Python Developer , Pozent Labs

Mar 4, 2024 - Present

- Experienced in Python development and Full-Stack projects with hands-on expertise in core programming concepts, AI-driven solutions, and scalable web applications. Proficient in Python, SQL. Skilled in using LLMs, and vector databases. Developed and contributed to real-time AI-driven applications and Full-Stack solutions, demonstrating strong problem-solving and collaboration skills.

### PROJECTS AT POZENT

#### Chat with PDF

- **Developed a Natural Language Interface for Document Interaction:**  
Enabled users to interact with PDF content through natural language queries, providing an intuitive way to access and retrieve information from complex documents.
- **Leverages Advanced Technologies:**  
Employed PyPDF2 to extract text from uploaded PDFs and utilized LangChain’s text splitter to efficiently process and chunk content for enhanced searchability.
- **Integrated Embeddings for Efficient Search:**  
Utilized OpenAI’s embeddings to convert text into vectors and stored them in FAISS vector database for fast and relevant response retrieval based on user queries.
- **Optimized Backend for Performance:**  
Implemented a vector search system that converts user queries into vector format, searches the FAISS database, and returns accurate responses, improving the overall user experience.
- **Enhanced User Experience:**  
Optimized the backend workflow to ensure quick, accurate responses, improving the performance and usability of the system for seamless document interaction.

#### Automated Attendance Management System

- **Seamless User Authentication & Authorization:**  
Implemented secure user login/logout functionality using JWT-based authentication, ensuring role-based access control for employees and administrators.
- **Real-time Attendance & Productivity Tracking:**  
Enabled employees to clock in/out, track productive and non-productive hours, and generate insightful reports on work efficiency.
- **Leave & Permission Management:**  
Designed a streamlined interface for employees to request leaves and permissions, with an approval system for administrators to manage requests effectively.
- **Employee Portfolio & Project Documentation:**  
Developed a dedicated section for employees to maintain their profiles, manage assigned projects, and store essential project documentation for easy access.
- **Optimized Backend for Performance:**  
Built a scalable and efficient backend using Node.js with Express, integrating MongoDB for fast data retrieval and ensuring real-time synchronization of attendance records.
- **Enhanced User Experience with Angular:**  
Crafted an intuitive and responsive frontend with Angular, providing an interactive dashboard for employees and administrators to monitor attendance, productivity, and leave records seamlessly.

EDUCATION

Avvm Sri Pushpam College, Masters Degree in Computer Science - 79%	2021 - 2023
Avvm Sri Pushpam College, Bachelors in Computer Science - 73%	2018 - 2021

CERTIFICATES

Angular 7 :Great learning ((June-2024)	Aug 2023 - jan 2024
Python Programming:accord info matrix, chennai	
Web designing & Web Application Development:accord info matrix, chennai	

