Yashaswini Kuram

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OBJECTIVE

Looking for a creative and challenging role to apply my expertise in Python, Web Development, and Data Structures, alongside engineering skills from my Btech, to contribute to a dynamic and innovative organization that is solving real world problems.

EDUCATION

Kalasalingam Academy of Research and Education	**Madurai, TN 2022 - 2026**
B.Tech in Computer Science Specializing in AIML	**GPA: 8.57 / 10.0**
Chaitanya Junior College	**2020-2022**
PreUniversity Course	**Percentage: 80.2%**
Sri Chaitanya Techno School	**2019-2020**
Higher Secondary School	**Percentage: 100%**

TECHNICAL SKILLS   SOFT SKILLS

Programming Languages: Python, Java, C, Data Structure   Peer Learning, Leading & Organizing

Web Development : HTML, CSS, Javascript, AngularJS   **Languages :** English, Telugu, Hindi

Cloud : Azure

PROJECTS

1.Web Assistant : Designed a smart assistant by myself that summarizes website content and answers user questions by creating a knowledge base from scraped data. Used Gemini for summarization and BERT for accurate Q&A based on the processed content.   [Github]
Tools : Python, Flask, BERT, Gemini API, Web Scraping, VSCode

2.RAG System : I have Completely Developed a RAG-based AI assistant that processes PDF, DOC, DOCX, and TXT files to deliver precise, document-sourced answers in real time. Reduces manual search time by up to 80% and boosts retrieval accuracy to 90%+, handling files up to 16 MB instantly. Ideal for Heavy text Searching Applications and Data Extraction from files.   [Github]
Tools : Python, Flask, LangChain, ChromaDB, Google Gemini AI, HTML, CSS, JavaScript

3.Tic-Tac-Toe : I independently developed a Java-based GUI Tic-Tac-Toe game from scratch, featuring both multiplayer and AI modes. I designed and implemented MySQL integration to store the last 10 match records per player, enabling personalized game tracking. I also enhanced the gameplay experience using Java Swing components for a smooth and interactive interface.   [Github]
Tools : Java, MySql, Swing, JDBC, Eclipse.

ACHIEVEMENTS

1) Won in IBM Poster Presentation : I got 1st prize in the annual Poster presentation, In which we have presented About Autonomous Drowsiness detection, So We can Alter drivers and prevent Accidents.   [LinkedIn]

2) Certified Web Developer : I have completed a complete web development course in which I have got certified in Building Websites using HTML, CSS, Javascript.   [LinkedIn]

PROFESSIONAL EXPERIENCE

IEEE Women in Engineering - KARE | Vice-president   **July 2024 - present**

- Spearheading initiatives to promote diversity, inclusion, and leadership opportunities for women in engineering and technology fields.
- Coordinating events, workshops, and networking sessions that empower women in STEM and increase IEEE WIE visibility.
- Leading a team of committee members to ensure effective planning, execution, and outreach of chapter activities.   [IEEE WIE KARE]

IEEE Computer Society - KARE | Promotional Activity   **July 2024 - present**

- Led promotional strategies and digital outreach for IEEE Computer Society events, increasing student participation and visibility on campus.
- Successfully planned and executed large-scale technical events including hackathons, project expos, and coding competitions, attracting 100+ participants.   [IEEE Computer Society KARE]