VENU GOPAL SR

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About me

A passionate and detail-oriented web developer with expertise in modern web development frameworks and technologies. Dedicated to creating efficient, user-centric web applications that drive innovation and enhance user experience. Eager to collaborate within a dynamic team, leveraging technical skills and a problem-solving mindset to deliver impactful solutions in a fast-paced environment.

Skills

Programming Languages: Python, Java, SQL, JavaScript, HTML, CSS .
Data Analysis and Visualization: Pandas, Numpy, Matplotlib, Seaborn.
Technologies & Tools: AWS, EC2, S3, SQS, ReactJS, NodeJS, Git, GitHub, UiPath.

Education

Sri Krishna Institute of Technology, Bangalore   Dec 2021 - Jun 2025
B.E. in Artificial Intelligence And Machine Learning   *CGPA: 9.0/10*
Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Advance Artificial Intelligence and Machine Learning.

Project Work

- **Enhanced YouTube Video Summarizer with Notes Generation (2024):** This project provides a Streamlit application that allows users to summarize YouTube videos and extract important topics from their transcripts. It is designed to help users quickly understand the main points of video content and create notes for easier reference.
- **A Efficient Data Retrieval Application.(2023):** Developed a Data Retrieval Application using Pandas to efficiently retrieve unique raw material IDs based on user-defined parameters, streamlining the identification process and improving data accuracy.
- **Fully Working Notepad (2023):** Built a Notepad with Tkinter, offering a simple, user-friendly interface for creating, editing, and saving text documents seamlessly.

Certifications

Udemy   Dec 2024 - Present

The Complete Web Development Bootcamp

- Web Development Proficiency: Completed "The Complete Web Development Bootcamp," gaining hands-on experience in full-stack development using HTML, CSS, JavaScript, Node.js, React, and MongoDB

- Project-Based Learning: Built responsive and dynamic web applications, including e-commerce platforms and RESTful APIs, demonstrating proficiency in agile development practices.

- Version Control and Collaboration: Developed expertise in version control systems like Git and collaborated on projects using GitHub to streamline workflow and team coordination.

- Problem-Solving Skills: Applied advanced debugging techniques and optimized code for performance, enhancing web application efficiency and user experience.

Udemy   Oct 2024 - Dec 2024

Complete UiPath RPA Developer Course

- RPA Expertise: Completed the "Complete UiPath RPA Developer Course," acquiring hands-on experience in designing and deploying automated workflows using UiPath Studio and Orchestrator.

- Process Automation Skills: Built and implemented end-to-end robotic process automation (RPA) solutions for repetitive business processes, enhancing operational efficiency and accuracy.

- Advanced Workflow Design: Gained expertise in creating modular and scalable workflows using UiPath activities, variables, and selectors to meet complex automation requirements.

- Error Handling and Optimization: Developed robust debugging and error-handling strategies to ensure seamless

execution of automated tasks and continuous process improvement.

Udemy   July 2022 - Aug 2022

The Complete Python Bootcamp

- Python Proficiency: Completed "The Complete Python Bootcamp," gaining expertise in Python programming fundamentals, including data structures, loops, functions, and object-oriented programming.
- Project-Based Learning: Built real-world projects like web applications, data analysis scripts, and automation tools, showcasing strong problem-solving and development skills.
- Data Handling and Libraries: Acquired hands-on experience with Python libraries such as Pandas, NumPy, and Matplotlib for data manipulation, analysis, and visualization.
- Debugging and Optimization: Mastered debugging techniques and optimized code for improved efficiency and maintainability in Python-based applications.

Achievements

- "Accomplished an onsite project at Kennametal: Developed a search application using Tkinter and Python for data retrieval from CSV files."
- "Published a research paper titled 'AI-Powered Real-Time Video Summarization' in the International Journal of Creative Research Thoughts (IJCRT) on September 9th, 2024".

Soft Skills

- Problem-Solving: Thinking critically and creatively to overcome challenges.
- Time Management: Prioritizing tasks and managing time efficiently to meet deadlines.
- Teamwork: Collaborating effectively with others to achieve common goals.
- Adaptability: Thriving in changing environments and learning new skills quickly.

Hobbies

- Exploring Photography as a creative outlet.
- Travelling to discover new places and cultures.
- Interacting with people to exchange ideas and gain diverse perspectives.
- Reading blogs to stay updated on various topics.

Language Proficiency

- **English :** Intermediate to Advanced.
  Proficient in using English for technical writing, coding, and explaining Software development concepts
  Clear understanding of industry terminology and ability to present complex ideas concisely.
- **Hindi :** Intermediate.
- **Kannada :** Native Speaker