

Sai Deepak Perumbudur

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SUMMARY

Dynamic Computer Science graduate with expertise in software development, cloud computing, and full-stack development. Proficient in Java, Python, AWS, Next.js, and FastAPI, committed to delivering innovative solutions and enhancing user experience.

EDUCATION

B.Tech in Computer Science and Engineering | CVR College of Engineering | Hyderabad, Telangana, India | 2024 | 8.01 GPA

Intermediate (12th) | Sri Chaitanya Junior College | Hyderabad, Telangana | 2020 | 93.6 %

10th Grade Completion | Sri Chaitanya Techno School | Hyderabad, Telangana | 2018 | 9.5 GPA

PROJECTS

Unstructured Documents Chatbot in AWS | github.com/Sai-Deepak-1/Unstructured-Document-Insights-on-AWS | January 2024 - April 2024

- 1. Created a Full Stack LLM Chatbot using NextJS and FastAPI on AWS, extracting insights from Unstructured Documents.
- 2. In a collaborative project, led a team of three individuals, serving as the Team Lead.
- 3. Created a Chatbot deployed on an EC2 Instance, extracting text from Unstructured Documents, processing into Embeddings, and providing accurate responses to user queries using OpenAI's "gpt-3.5-turbo" model.
- 4. Used NextJS and Open Sourced Components from Tailwind CSS and designed an Easy to use Interface.
- **Environment** : FastAPI ,NextJS, Python, LlamaIndex, OpenAI, AWS EC2.

Biometric Voter Identification System Using Face Recognition | CVR College of Engineering | github.com/Sai-Deepak-1/BiometricVoterIdentificatinSystem | April 2023 - May 2023

- 1. Developed a mini project on Biometric Voter Identification System using the face_recognition library and Flask framework.
- 2. Implemented a robust system that utilizes facial recognition technology to authenticate voters during elections.
- 3. Utilized the face recognition library to detect and recognize faces from images and live video streams.
- 4. Integrated the system with Flask to create a user-friendly web interface for voter registration and authentication.
- **Environment** : Flask, HTML, CSS, Bootstrap, Python, OpenCV, face_recognition.

COURSEWORK

Career Essentials in Generative AI by Microsoft and LinkedIn | LinkedIn Learning | Generative AI Fundamentals

Intermediate Python for Non-Programmers | LinkedIn Learning | Intermediate Python | 2024

Python | Kaggle | Introduction to Python | 2024

Wipro TalentNext Java Full Stack Course | Wipro TalentNext | Java | 2023

Programming for Everybody (Getting Started with Python) | Coursera | Python | 2023

CERTIFICATIONS

Java (Basic) Certificate | Hackerrank | 2023

Ninja Slayground Event Participation Certificate | Coding Ninjas | 2023

Certificate of Participation - Flipkart GRiD 5.0 | Unstop | 2023

SKILLS

Programming Languages : Java, Python

Front End : HTML, CSS, JavaScript, React.js, Next.js

Back End : Node.js, Flask Web Framework

Database: SQL, NoSQL(MongoDB)

Cloud: AWS

Tools & Platforms: Git, Github, Windows, Linux, VS Code, PyCharm, IntelliJ Idea, Jupyter Notebook, Google Colab