

VINCENT STANLY KIRAN A

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SUMMARY

Passionate about leveraging Python and SQL to drive innovative data solutions and streamline Analyst processes. Dedicated to continuous learning and adapting to new technologies to enhance development practices.

TECHNICAL SKILLS

- Programming Languages: Python, SQL
- Python Library: Pandas, SpaCy
- Backend Technologies: Flask, FastAPI, RESTful APIs
- Distributed Systems: Application Development
- Database Management: PostgreSQL
- Operating System: Linux
- Development Tools: PyCharm, WinSCP

SOFT SKILLS

- Problem-Solving
- Communication
- Flexibility
- Leadership and Mentorship
- Customer-Centric Approach
- Collaboration and Teamwork

PROFESSIONAL EXPERIENCE

Working as a Backend Developer in projects in **Lambda digital**, Chennai from Dec 2023 to present

ROLES & RESPONSIBILITY

Lambda Digital | 2023 - Present

- Developed Python-based backend systems for various platforms, focusing on efficient data processing, API development, and integration with front-end applications.
- Built and optimized Python scripts for feature extraction, classification, and database interaction in projects related to machine learning and data analysis.
- Implemented and maintained RESTful APIs to handle dynamic data operations and ensure seamless communication between the frontend and backend.
- Utilized libraries such as Librosa, BeautifulSoup, Pandas, and Requests to create solutions for audio processing, web scraping, and data manipulation.

PROJECTS

Project: Multi-Label Emotion Detection from Pitch (**LambdaDigital**)

Role: Backend Developer

Description: Developed Python code to extract pitch features from audio data and detect multiple emotions. The code was designed to process audio inputs, apply machine learning models, and identify emotional labels from the audio features.

Technology Stack: Python, Librosa, TensorFlow

Project: Web Scraping for Mechanical Product Data (**LambdaDigital**)

Role: Backend Developer

Description: Developed a web scraping tool using Python to extract product data, including specifications, prices, and availability, from multiple manufacturers' websites. Processed and cleaned the extracted data to ensure accuracy and exported it into structured formats like Excel and CSV for analysis. Implemented automation and error handling to manage dynamic content and different website structures.

Technology Stack: Python, BeautifulSoup, Selenium, Requests, Pandas, Excel/CSV

CERTIFICATION

Google AI Explore ML - Beginner Certificate	2020
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EDUCATION

BE Computer Science	CGPA-7.8
Loyola Institute Of Technology	
HSC	Percentage- 75.5
SRV Matric Higher Secondary School	
SSLC	Percentage-91.8
SRV Matric Higher Secondary School	