ASHIK JENLY

LinkedIn | +91 7397068566 | ashikjenly.netlify.app | jenlyashik@gmail.com | GitHub

Skills

- Spark | Scala | Hadoop | Hive | Microsoft Azure | DataBricks | Airflow | Java | Python | C | C++
- Shell Scripting | Bash Scripting | Linux | MySQL | PostgreSQL | MongoDB
- Full-Stack Development | Spring Boot | Play | Django | English, Tamil – ***All professional profciency or above***

Experience

Big Data Developer Intern **STEPS SOFTWARE SOLUTIONS** **TamilNadu,India** **Aug 2023 - Apr 2024**

- **Full stack development :** Worked on a full-stack project, primarily focusing on the backend development(Python,Azure)
- **Microsoft Azure :** Utilized Microsoft Azure's big data services for data processing , streaming and storage.

Software Engineer Intern **STEPS SOFTWARE SOLUTIONS** **TamilNadu,India** **Jun 2023 - Aug 2023**

- **What's Next :** What's Next Students Guide Application Development(Python,Django)
- **Chat Bot :** A chatbot capable of answering career-related questions(Python,Machine Learning)

Education

Bachelor of Engineering **Annamalai University** ***TamilNadu, India*** **Sep 2021 - Apr 2025**

- Major : Computer Science and Engineering (Data Science)

High School **St Josephs HSS** ***TamilNadu, India*** **Apr 2020 - May 2021**

- Major : Mathematics, Physics, Chemistry and Biology

Projects

- **ClickStream Analytics in a Web App**

  Developed a web app using play framework with scala, using azure event hubs the user behavior is streamed and processed from data bricks and insights were stores in data lake and cosmosDB.
  - Tools Used : Apache Spark, Microsoft Azure Services (DataBricks, CosmosDB,DataLake, MySQL flexible Server).

- **Scheduled WebLog Data Pipeline and Analysis in AWS EMR :**

  Process weblog data to extract insights using the AWS EMR cluster computing service with Apache Spark and schedule weekly log analysis of data from Amazon S3.
  - Tools Used : EMR, Spark, Airflow

- **Real-time Sentiment Analysis of Twitter-like Social Media Data :**

  Developed a real-time social media platform with a Twitter-like interface. Leveraged Apache Kafka for message streaming, Spark Streaming for sentiment analysis, and Hadoop HDFS for data storage. Users can post messages, and the system performs real-time sentiment analysis (positive, negative, or neutral) on incoming posts. Results are stored and visualized dynamically, providing users with insights into content sentiment trends.
  - Tools Used : Spark, Kafka, Hadoop

- **Automated Big Data ETL and Analysis with Spark and Airflow :**

  This project will load tweets data from HDFS and process it to find several insights like most tweeted hour,number of positive and negative tweets tweet and author with maximum likes etc, and store it back to HDFS. The entire process is breaked into modules and data is pipelined and automated with apache Airflow and can be scheduled to run in any time.
  - Tools Used : Airflow, Spark

- **MOVIE RECOMMENDER SYSTEM :**

  Recommend movies based on search using correlation between movies.Developed as a full stack project.
  - Tools Used : Django, Python

SOFT SKILLS

- **Collaboration** : Worked collaboratively with others in software development..
- **Version Control** : Utilized Git and GitHub for distributed development.
- **Adaptability** : Highly adaptable for new tools and technologies.