

Keerthi K M

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EDUCATION AND QUALIFICATIONS

Expertzlab Technologies, **Big Data Analyst** Aug 2021 – April 2022 Modules
include: Hadoop, Hive, HBase, MySQL, PySpark, Django, NumPy, Pandas, Matplotlib, Git, HTML, JavaScript, AWS

College of Applied Science, **BSc. Computer Science Model 111** Aug 2021 – April 2022
Modules include: C, Coa, Data Structure, DBMS, Sad, Linux, Operating system CCPA: 5.08

Govt. Paliyam Higher Secondary school, **Computer Science** June 2016 - May 2018
Senior school certificate examination Grade - 74%
Secondary school examination Grade – 55%

WORK EXPERIENCE

1. **Front End Developer (October/2022 - Present), GoFreeLab Technologies**

A robust project management application hosted on the 'Eduvate' platform, featuring a dynamic Next.js front-end, scalable Flask and Nameko back-end architecture, and MongoDB for efficient data storage and retrieval, enabling seamless task tracking and progress monitoring.

2. **Python Data Engineering**

Developed an end-to-end, containerized real-time data streaming pipeline leveraging Apache Airflow, Python, Kafka, Zookeeper, Spark, and Cassandra for efficient data ingestion, processing, storage, and scalable real-time analysis adhering to industry best practices.

3. **Back End Developer**

Implemented an end-to-end data engineering pipeline leveraging Python, AWS services including Kafka for streaming real time stock market data, Glue for integration, Athena for querying, and SQL for analysis, enabling efficient ingestion, processing, storage, and insights from real-time financial data.

4. **Python Developer**

Developed an intelligent conversational full AI chat bot leveraging Redis, Python, and GPT-3.5 to deliver personalized, context-aware, and seamless interactions through a human-like interface.

PERSONAL PROJECTS

- **Hostelorz:** Developed an online hostel booking app using Python, HTML/JS/CSS, and MySQL for students to book available rooms.
- **Recruitment resume_Extraction_DAS_NEO4J_NER:** Contributed to the 'Freego Passport' intelligent companion system project as part of a team, involving extracting user data from JSON, creating an HDFS folder structure for storage, pushing data to Apache Kafka, and writing to AWS S3 using Python, ensuring efficient data handling.
- **Sign-Language-Detector-Python:** Developed a computer vision application utilizing machine learning and Open CV to translate sign language gestures from video input into text/speech output, bridging the communication gap between signers and non-signers.

SKILLS

Python, Next.js, Tailwind CSS, Git, Kafka, HTML, CSS, SQL, JavaScript, AWS, Hadoop, MySQL, Spark, MongoDB, HDFS, Hive, HBase, Pig, Django, NumPy, Pandas, Flask Airflow, Docker.

CERTIFICATION

- DEGREE CERTIFICATE – BSc Computer Science
- COURSE CERTIFICATE – Big Data Analyst
- TCCA CERTIFICATE – Big Data Analyst
- EXPERIENCE CERTIFICATE – Software Developer

LANGUAGE

English (Proficient), Malayalam (Proficient)