

Alkesh Baikar

 alkeshab  fressoul84  li-alkeshab  alkesh.baikar05@gmail.com  9309587407

CAREER OBJECTIVE

An Ambitious data engineer passionate about leveraging my expertise in data-driven solutions to enhance data infrastructure and analytics capabilities. I am eager to join an innovative organization where I can apply my expertise in data engineering to drive effective data initiatives.

EXPERIENCE

Bank of America | DATA ENGINEER

August 2023 – Current | Mumbai, India

- Effectively automate the end to end process for the data generation process.
- Effectively reduce the efforts required for analysing and finding patterns in the data by building
- Developed and implemented unit test cases to ensure exceptional data quality and process functionality through in-depth unit testing.
- Led data loading operations into the target database with precision and efficiency.
- Proactively managed and updated Confluence pages for seamless project documentation.
- Collaborated effectively with cross-functional teams, including analysts and software engineers, to ensure the seamless integration of data solutions into the application.
- Maintained comprehensive documentation for all use cases, making it easier for team members to understand and troubleshoot issues.

Technologies used: Python, PySpark, Hive, Hadoop, SQL, Pandas

Bank of America | SOFTWARE ENGINEER

July 2021 – July 2023 | Mumbai, India

- Proficiently gathered requirements and accurately estimated turnaround times for tailored data generation.
- Successfully collaborated with both Kanban and Scrum teams, ensuring smooth project execution.
- Worked on the proof of concept (POC) to generate the new dummy data for different types of testings in downstream applications.
- Responsible for creating the process document for functional and non-functional requirements of the project.
- Built custom modules to streamline the data generation process, saving time and effort.
- Participated in code reviews and provided constructive feedback to maintain code quality and adherence to data engineering best practices
- Contributed to the generation of 250 million pseudo data records for performance testing.

Technologies used: Python, PySpark, Hive, Hadoop, SQL

CERTIFICATIONS

- Microsoft Certified: Azure Data Fundamental

RELEVANT COURSES

- Introduction to Natural Language Processing by Udemy
- Hive to ADVANCE Hive (Real time usage) :Hadoop querying tool
- MongoDB Basics
- MongoDB for SQL Pros

PROJECTS

Surface Water Detection Using Semantic Segmentation

2021

- Worked on a project which detects and segments the surface water resources from aerial images using image processing and deep learning techniques like semantic segmentation.
- The application takes a satellite or aerial image as an input and result contains detected surface water resources.

Technologies used: Python, Keras, OpenCV

Classification of Poems

2018

- Developed a web application which can easily identify the emotions behind a given poem.
- It is Natural Language Processing and Machine Learning based application capable of classifying poems into its most preferable emotion category.

Technologies used : Python, NLTK, scikit-learn, Flask, HTML, CSS

SKILLS

Technical Skills

Proficient:

Python • PySpark • Hadoop • Hive • Data Analysis (Pandas, NumPy) • SQL • Data Visualization (Plotly, Pygal) • RDBMS • Data Modeling • Shell scripting • Autosys • Data ETL

Familiar:

Sqoop • Azure • Machine Learning • Natural Language Processing • Computer Vision • MongoDB • Linux • Cassandra

Tools/Platforms

UNIX Putty • Git • JIRA • Jupyter Notebook

Strength

Active Listener • Determined • Commitment to collaboration and teamwork

EDUCATION

Veermata Jijabai Technological Institute

MASTER OF TECHNOLOGY

August 2019 - July 2021 | Mumbai

Software Engineering

CGPA: 9.36 / 10

Dr.Babasaheb Ambedkar Technological University

BACHELOR OF TECHNOLOGY

July 2014 - July 2018 | Lonere, MH

Computer Engineering

CGPA: 9.10 / 10