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# Alkesha Baikar

## Software Engineer

Portfolio: [alkeshab.tk](https://alkeshab.tk)  
[github.com/freesoul84](https://github.com/freesoul84)  
[linkedin.com/in/alkeshab](https://linkedin.com/in/alkeshab)

### CAREER OBJECTIVE

A self-motivated and adaptive software engineer with hands-on experience in handling the data, looking for role in an esteemed organization to utilize and enhance my practical knowledge and skills for growth of the organization as well as expand my skills to enhance my performance.

### SKILLS

<b>Primary Skills</b>	Python (Libraries: Pandas, NumPy, NLTK), SQL, PySpark, Hadoop, Hive, Sqoop, Data Analysis, Shell Scripting
<b>Seconday Skills</b>	DBMS, Operating System, Machine Learning, Natural Language Processing, Computer Vision
<b>Tools/Platform</b>	UNIX Putty, Git, JIRA, Jupyter Notebook
<b>Strength</b>	Problem solving, Time management, self-confident, determined
<b>Communication</b>	English, Hindi, Marathi

### TECHNICAL EXPERIENCE

<b>Bank of America</b> <i>Software Engineer IB</i>	<b>July 2021 – Present</b> <i>Chennai, India</i>
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- Involved in gathering requirements and estimating timeline for generating data for provided requirements.
- Worked on the proof of concept (POC) to generate the fake data for testing in downstream applications.
- Responsible for data loading to target database.
- Responsible for creating the process document for functional requirements of the project.
- Working on building reusable framework for generation of dummy data to automate the data generation process.
- Performed data analysis to find out the pattern of data in a table.
- Created and executed unit test cases.
- Technologies used : Python, Numpy, Pandas, PySpark, SQL, Hive, JIRA, Git

### ACADEMIC PROJECTS

#### DETECTION OF SURFACE WATER USING SEMANTIC SEGMENTATION

- Working 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

- 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

### EDUCATION

<b>Veermata Jijabai Technological Institute</b> <i>M.Tech in Software Engineering</i> CPI: 9.35 / 10.0	<b>August 2019 - July 2021</b> <i>Mumbai, India</i>
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<b>Dr.Babasaheb Ambedkar Technological University</b> <i>B.Tech in Computer Engineering</i> CGPA: 9.10 / 10.0	<b>August 2014 - July 2018</b> <i>Lonere, India</i>
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### CERTIFICATES

- Neural Networks and Deep Learning by DeepLearning.AI: [Credentials](#)
- Introduction to Natural Language Processing by Udemy: [Credentials](#)
- MongoDB Basics [Credentials](#)
- MongoDB for SQL Pros [Credentials](#)