

Akhilesh Gandhe

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Profile Links

- LinkedIn: <https://linkedin.com/in/akhilesh-gandhe-51333595/>
- Github: <https://github.com/akhileshgandhe7>

Professional Summary

- Data Scientist with an overall experience of about 4.5 years
- Experience in building the cutting-edge Machine Learning Predictive Models like Probability of Default, Loss Given Default, Exposure at Default for BASEL-II accord.
- Good at bringing valuable insights from data by applying statistical/ML techniques and helping in making the right business decisions.
- Collaborated with data engineering teams for setting up data pipelines, data gathering, data preparation.
- Expertise in working on quick POCs & defining the business problem & coming up with effective solutions.
- Experience working with Microsoft Azure chatbots, RASA-NLU
- Good experience building ML models & deploying the REST APIs to Microsoft Azure.
- Familiar in using the Big Data Platform like Cloudera/Pyspark & Linux with Hive Data Warehousing & various scientific libraries like scikit-learn, pandas, matplotlib, seaborn, tensorflow.
- Experience working with text data – Sentiment Analysis, NLP

Employment History

ML/AI Engineer

Pyramid Consulting Inc. • Hyderabad, Telangana

11/2020 - Present

Data Scientist

Augmento Labs • Bangalore, Karnataka

12/2019 -11/2020

Data Scientist

Cognerium Robotic Labs • Hyderabad, Telangana

06/2017 - 05/2019

Software Engineer

Cavium Inc. • Bengaluru, Karnataka

06/2016 - 05/2017

Skills

Technical

- Python, Machine Learning
- Statistics, SQL, Pyspark-SQL
- NLP, Deep learning
- Apache Hive/Sqoop
- Flask/Django, PowerBI

Professional

- Collaboration, Teamwork
- Leadership skills
- Honesty & Integrity
- Time management

Projects

SmartCECL: SmartCECL is a highly scalable, fault-tolerant and proven solution to address CECL requirements. It is a centralized and flexible solution designed to help you comply with complex regulatory and accounting requirements. Current Expected Credit Loss (CECL) standard is based on “life of loan” and makes sure that estimate of losses to be recorded for unimpaired

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loans at origination or purchase. It poses significant compliance and operational challenges for banks. CECL represents the most sweeping change and one of the most significant projects for the banking industry ever. The 'life of loan' concept which CECL is based on presents the type of complexities that can decrease capital, add volatility to ALL estimates as well as some additional costs.

Tools & Technologies Used: Python, Machine learning, Hadoop/HDFS, Pyspark, SQL

OFW (Overseas Filipino Workers): It is a type of Customer Relation Management tool which helps the Filipino migrant workers to travel overseas to Hongkong for the employment & the OFW application provides various services which are essential for the migrants to visit hongkong as well as stay for by connecting people from various sectors like Medical, Travel, Visa, Legal along with the chatbot which is available 24*7 to the users.

Tools & Technologies Used: Python, Machine learning, NLP, Azure

Mercari Insurance: Mercari Insurance firm with large number of Customers trying to build the strong long-term profitable relationship between the Customer and their firm applying the tailored business strategies. We have provided the insights on Customer and credit purchase behaviour which can improve the business in many areas and provided the Customer lifetime value.

Tools & Technologies Used: Python, Machine learning, Azure Datalake

Crop Disease Identification: Data captured from mobile apps of different states pre and post hazardous events occurred of different land cover, identifying the severity and the loss estimate and the authenticity of the claim of the farmers for insurance claim.

Tools & Technologies Used: Python, Deeplearning, AzureDatalake

Fidelity & Guaranty Life: FGL wanted to improve the existing data analytics capabilities, while reducing the Capex and Opex costs by exploring DW on cloud for growing needs of data present in silos with multiple formats, enhance reports with BI as well as calculating the Customer lifetime value of a customer.

Tools & Technologies Used: Python, ML, PowerBI, Microsoft Azure

Education

PG-Diploma in Embedded Systems Design

Centre for Development of Advanced Computing • Chennai

Aug - 2015

Bachelor's Degree

Vidya Jyothi Institute of Technology Bachelor's Degree • Hyderabad

72.6%

Jun - 2014

Higher Secondary School

Narayana Junior College • Hyderabad, Telangana

90%

06/2010

Certifications

- Artificial Intelligence Engineer Master's Program at simplilearn.
- End to end Data Science at supervisedlearning.com
- Using Python to Access to Web Data at Michigan University through Coursera.
- Python Spark Certification Training using Pyspark at edureka

Achievements:

- Accepted into Google Challenge India Scholarship Program-2018

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- Active member in Rally for Rivers Campaign 2017