

Azhar Khan

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Summary

Data engineering practitioner with a keen interest in employing predictive analytics and data science tools in real business scenarios, to develop industrial grade solutions that address data related problems and further lead to improvements in decision making, implementation strategy, and performance.

Work experience

Data Engineer May 2017 - July 2018

RateGain

- Built scalable and fault tolerant data APIs to power products and business services.
- Developed and implemented data pipelines/workflows to enhance the performance of our in-house product suite.
- Worked on tuning and improving the core sentiment logic of the in-house analytic engine.
- Made extensive use of data mining techniques along with NLP and machine learning algorithms to develop decision-based systems for clients.

Analyst May 2016 - April 2017

RateGain

- Developed health dashboards for measuring sufficiency and accuracy of client reports.
- Consolidated, validated and cleansed data across a vast range of sources – from applications and databases to files and web services.

Academic Projects

Stock Price Prediction

Worked on past stock data extracted from Google finance website and trained a neural network to predict the price for tomorrow of that particular stock.

Movie Recommender System

Created a movie recommender system by implementing collaborative filtering. Forecasts user movie ratings to further recommend movies to new users.

Spam Classification

General purpose spam classifier, built using Naive Bayes probability approach.

Education

Master of Engineering (M.Eng) in Engineering Management 2019 - 2021
University of Ottawa

Bachelor of Technology (B.Tech) in Computer Science 2012 - 2016
Jamia Hamdard
CGPA - 7.5/10

Links

- Blog - azharkhan.in
- GitHub - [//azkh93](https://github.com/azkh93)
- LinkedIn - [//azhar93](https://www.linkedin.com/in/azhar93)
- Twitter - [//@azhar937](https://twitter.com/azhar937)

Languages

- English
- Hindi
- French

Skills

Programming

- Python
- Golang
- Java
- C
- Dask
- Ruby
- Shell

Querying

- SQL
- MongoDB
- Amazon AWS
- Tableau
- Google Cloud Engine

Operating Systems

- macOS
- Ubuntu
- Arch Linux
- Windows

Version Controlling Systems

- Git
- Bitbucket

Coursework

- Artificial Intelligence
- Data Mining & Warehousing
- Database Systems
- Data Structures & Algorithms
- Computer Networks
- Compiler Design
- Computer Architecture
- Operating System
- Object Oriented Programming
- Theory of Computation