Hitesh Santwani

https://hiteshsantwani.github.io

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SKILLS

PROGRAMMING
Java and Spring MVC
Python and iPython Notebook
SQL and R

DATA SCIENCE
Regression
Classification
Support Vector Machines
Naive Bayes
K-Nearest Neighbors
Decision Trees
Cluster Analyses
Deep Learning

SOFTWARE
Amazon Web Services
Spark and Hadoop
Git and Github

EDUCATION

BIG DATA SPECIALIZATION
University of California San Diego
Expected January 2019 | Online

MS, DATA SCIENCE
University at Buffalo
August 2018 - present | Buffalo, NY
Course Work Includes in depth Knowledge and skills in Data Engineering and exhaustive study of Machine Learning along with Essential EDA skills.

B.E, INFORMATION TECHNOLOGY
University of Mumbai
June 2015 | Mumbai, India
Graduated with First Class

LINKS

Github:// **hiteshSantwani**
LinkedIn:// **hiteshSantwani**
Hackerrank:// **hiteshSantwani**

EXPERIENCE

ACCENTURE SOLUTIONS PVT. LTD | Software Engineer
October 2015 - July 2018 | Mumbai, India

- Full-stack software developer for the client (An American Corporate Investment Bank).
- Implemented Application modularization using spring boot for the migration of platform responsible for trading high volume of over the counter derivatives to hybrid cloud.
- Achieved reduction in technical debt and increased velocity of application development by at least 50%.
- Developed new features to chase the institutional clients for trade affirmation which resulted in the 130% Order Fill Rate.
- Initiated and Achieved performance improvement by fine tuning mechanisms to tune the database as well as the queries to complete a set of given jobs or tasks in optimal time for increased throughput in Data Ingestion pipeline.
- Languages used: Java, java script, XQuery. Frameworks: Spring MVC, Hibernate.

PROFESSIONAL CERTIFICATIONS

AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE
May 2018 - May 2020 | Mumbai, India

AWS CERTIFIED DEVELOPER ASSOCIATE
December 2017 - December 2019 | Mumbai, India

RELEVANT PROJECTS

BIG DATA - CAPSTONE PROJECT | UNIVERSITY OF CALIFORNIA SAN DIEGO
October 2018 - January 2019 | Online

- A big data ecosystem using tools and methods form the earlier courses in this specialization. Analyze a data set simulating big data generated from a large number of users who are playing an imaginary game "Catch the Pink Flamingo". Tools Used: Splunk, KNIME, Spark's MLLib, Gephi and Open Office, Jupyter notebook.

PYTORCH SCHOLARSHIP CHALLENGE FROM FACEBOOK (FLOWER CLASSIFIER) | UDACITY
November 2018 - January 2019 | Online

- Deep learning model for predicting the species of the flower from the picture of the flower.
Skills: Deep Learning, Python, PyTorch, Keras.

RUNNING A SUCCESSFUL COUNTRY RSC – 101 | MS, Data Science
November 2018 - December 2018 | Buffalo, NY

- Intensive Exploratory Data Analysis and Data cleansing on Two major data sets (Gapminder and world bank) to uncover the factors that contributed in development of the emerging economies in the last 40 years.
Skills: Jupyter notebook, Plotly Dashboard, SQLite, Matplotlib, Ipython Widgets, Pandas.