Hitesh K. Santwani

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EDUCATION

University at Buffalo, (State University of New York)   Aug 2018 - Jan 2020

Master of Science in Data Science

University of Mumbai, India   Aug 2011 - Aug 2015

Bachelor of Engineering, Information Technology

PROFESSIONAL SUMMARY

- Software Engineer with 2.10 years of experience in Enterprise application development looking for internships starting Summer 2019 in the field of Data Science/Data Engineering and Cloud Application Development.
- Experienced in object-oriented programming; developing, testing and debugging code; designing interfaces; and administering systems and networks.
- Skilled in Machine Learning, Cloud Technologies, SQL and No-SQL Databases, Predictive Modelling, Deep Learning.

RELEVANT SKILLS

- Analytical Tools and Programming Languages: R, Python, Java, SQL, KNIME, Spark, Splunk.
- Databases: MySQL, Dynamo DB.
- Packages: Pandas, scikit-learn, NumPy, plotly, Pytorch, dplyr, GGplot.

PROFESSIONAL CERTIFICATIONS

- Big Data Specialization   Sep 2018 - Jan 2019
- AWS Certified Developer Associate.   Dec 2017 - Dec 2019
- AWS Certified Solutions Architect Associate.   May 2018 - May 2020

EXPERIENCE

- **Software Engineer, Accenture Solutions Pvt. Ltd**, Mumbai, India   October 2015 - July 2018
  - 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.

RELEVANT PROJECTS

- Running a successful country RSC – 101:   Nov 2018 - Dec 2018

  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.
  - Tools used: Jupyter notebook, Plotly Dashboard, SQLite, Matplotlib, Ipython Widgets, Pandas.

- Big Data - Capstone Project: Nov 2018 - Present

  As part of the Big Data specialization from University of California San Diego I am developing a big data ecosystem using tools and methods form the earlier courses in this specialization. Will 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.

- PyTorch Scholarship Challenge from Facebook: Sep 2018 - Present

  Selected from pool of Thousands of candidates to create a project using PyTorch which involves creation of Deep learning model for predicting the species of the flower from the picture of the flower.
  - Skills: Deep Learning, Python, PyTorch, Keras.

- Derivatives Core Processing Platform(Accenture):   Dec 2015 - Jul 2018

  Developed new features in the platform responsible for trading over the counter derivatives for institutional clients.
  - Technology Stack: Core java, spring, JMS, XQuery, Mark logic DB.