

BrandResumes, Technical Client Resume

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Data Scientist | IT Consultant

A highly analytical Data Scientist driven by problem-solving and strong interpersonal and collaborative values. Accomplished software engineering professional (Consultant Legacy Systems) with international work experience. Multilingual with refined ability to clearly communicate complex and technical information to various audiences. Experience in banking/financial, retail and insurance industries.

Technical Skills

GitHub: Git (Pull Requests, Branching, Issues),

Collaborative Software Development

Machine Learning: Classification, Clustering,

Regression, Feature Selection

Project Management: JIRA

Python: ScikitLearn, NumPy, Matplotlib, geopandas, pandas

R: Data Wrangling, Statistical Modeling, Data

Visualization, Interactive Web-apps using Shiny

SQL

Other: COBOL, PLI, DB2

Technical Highlights

UrbanLogiq (MDS Program Capstone Project) 2019

- Analyzed indicators of dangerous vehicle driving behavior using accident data measured at the intersection level to predict collisions. Used Logistic Regression, xgboost with SHAP values; conducted EDA of geospatial data using geopandas and folium.

Projects (MDS Program)/ Mental Health Issue Tracker in Tech Company 2019

- Built interactive Web app by Shiny to visualize the data and show the effect of mental illness on employee performance and rates employee awareness of company-provided resources

Olympics Medal Prediction 2018

- Developed python script to predict the Olympic medal count for 2020 summer for each country by fitting DecisionTreeRegressor model

Professional Experience

Cognizant Technology Solutions (Kolkata, India) 2016-2018

Technical Team Lead

- Awarded “Best Team of the Year” for successfully transitioning a project and implementing support teams for ongoing processes and application enhancements for an insurance company in the U.K.
- Administered resource planning and maintained project status dashboard to strengthen client communications and relationships

Cognizant Technology Solutions AG (Zurich, Switzerland) 2013-2016

Data Analyst/ Onsite Coordinator

- Led award-winning project MyIBAN allowing all Swiss bank clients to create customized international bank account numbers
- Ensured 100% user satisfaction and eliminated downtime for five applications
- Analyzed large datasets (>3.5M) and generated business rules for creating customized bank account numbers using SQL and PLI programming

Cognizant Technology Solutions (Kolkata, India) 2009-2013

Programmer

- Developed software to migrate 3.5M account holder documents for electronic retention and periodic delivery
- Analyzed large data of swiss bank, designed and developed web services and batch modules (COBOL, PLI), reducing computational time for account creation and maintenance
- Developed COBOL batch programs to reduce manual input and enhance price change management of a major US toy retailer
- Lectured on technical and domain sessions for new training batch of 20 in Cognizant academy

Education

MASTER OF DATA SCIENCE	2019
University of British Columbia – GPA: 92%	
BACHELOR OF TECHNOLOGY/ IT	2008
West Bengal University of Technology (India)	

Awards & Recognition

Top 5 Capstone project in MDS	2019
- Chosen for Top 5 capstone projects (out of 18 submissions)	
Winner of Vancouver Whitecaps Sports Analytics Datathon	2018
- Analyzed Whitecaps merchandise sales data and consumer behavior during matches and proposed solutions for increasing sales by strategies to increase footprints in the stadium	
STAR of the Quarter (India)	2017
- Zurich Financial Services UK, Insurance account (Cognizant)	
- Led and mentored a team of 11 members in the newly transitioned application	
RISING STAR continental Europe, Switzerland	2015
- Credit Suisse AG, Banking & Financial Services account (Cognizant)	
- Built application to generate customized international account numbers	
STAR of the Month (India)	2014
- Credit Suisse AG, Banking & Financial Services account (Cognizant)	
- Built an application to migrate 3.5 million documents of account holders for electronic retention	
KUDOS for the Month (India)	2012
- Credit Suisse AG, Banking & Financial Services account (Cognizant)	
- Enhanced and fixed critical bugs of the application to enable new retention rules for client docs	
The Perfectionist, East Zone (India)	2012
- Toys 'R' Us, Retail account (Cognizant)	
- Enhancing price change management process to reduce manual intervention in stores	

Volunteer Experience

Urban Big Data Analytics course, UBC	2019
<i>Guest Speaker</i>	
Presenting Urban Data Science project and inspiring aspiring Data Scientist by sharing MDS and professional experience.	
Women in Data Science	2019
<i>Ambassador</i>	
Organized Women in Data Science conference at UBC, taken care of the marketing division of the event.	
Cognizant Outreach	2010-2011
<i>Mentor</i>	
Awarded 1 st place each year for teaching underprivileged children to dance for corporate talent searches.	