**Swapnil Awasthi**

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### **SUMMARY**:

### **9 years of IT industry experience; ITIL V3 foundation certified; SAS certified in Analytics and Business Intelligence; IBM DB2-9(700 & 733) certified; skilled in - statistical data analysis, data mining, data manipulation, feature engineering, machine learning, Natural Language Processing (NLP), text mining, problem solving, data-driven decision making.**

### **EDUCATION**:

### **University of South Florida(USF), Tampa, FL**

Master of Science in Business Analytics and Information Systems  **December 2017**

### **Uttar Pradesh Technical University, India**

Bachelor of Technology in Computer Science & Engineering **June 2008**

**TECHNICAL SKILLS:**

Languages**:** R, Python, SAS, SQL; Databases**:** Oracle, DB2, NO-SQL databases; **Platforms**:Windows, z/OS (IBM Mainframe); Tools**:** Advance Excel, MS Excel skills (e.g. VLOOKUP, Pivot tables), Alteryx, R-Studio, Weka, Rapid Miner, SAS Enterprise Miner, Tableau, R-Shiny, SPSS, Minitab, Salesforce; **Coursera certifications**: R programming, Statistical inference, Google Analytics, Mastering Data Analysis in Excel, Python Data Structures, Practical Machine Learning.

**LEADERSHIP AND AWARDS:**

* Certificate of appreciation-IBM; Certificate of appreciation and Outstanding Team Award-CenturyLink.
* Successfully led a team of 3, responsible for mainframe data-center migration project of around 800 FTE.

**PROFESSIONAL EXPERIENCE:**

# DataRobot – Data scientist, MA February 2018 - Present

* Developed and implemented advanced analytics including customer segmentation, optimization, prescriptive analytics and machine learning algorithm.
* Developed supervised and unsupervised learning models, regression, classification using algorithms such as XGBoost, GBM, Random Forest, Elastic-Net, SVM, Logistic and Linear Regression, etc.
* Helped business customers in building end to end pipeline for developing and deploying machine learning models and transform themselves through strategic application of Data Science and Artificial Intelligence.
* Helped customers build predictive models using automated machine learning products, and quickly moving those models into production to generate the insights and value.
* Developed classification and regression models to – predict probability of clickthrough, loan default/hospital readmission, customer churn, to classify Uber trips as business v/s personal, market attribution, underwriting risk models.

# University of South Florida - Student Assistant (Statistics), FL January 2017 – December 2017

* Assisting students with statistical concepts like probability, analysis of discrete and continuous probability distributions, confidence intervals, hypothesis testing, regression, analysis of variance (ANOVA).

# CenturyLink - Senior Software Engineer, India May 2011 – July 2016

* Performed data analysis, code-debugging, root cause analysis, troubleshooting and performance optimization to save CPU time and cost in the business process schedules.
* Performed business critical changes involving all the stages of software development lifecycle using waterfall, agile-SCRUM methodologies ensuring 100% customer satisfaction.
* Experienced in reporting KPIs, training needs, deliverable metrics, and status reviews to the management supporting business and technical decisions.
* Performed process compliance activities and audits, design/code/test-case reviews along with documentation adhering to organization policies and standards. It led to CMMI maturity level 5 project rating in over 95% of the project audits.

# IBM - Associate System Engineer, India October 2008 – April 2011

* Performed root cause analysis(RCA)and abends (issues) resolution ensuring 100% SLA/SLO to the customers.
* Developed JCLs, performed temporary and permanent fixes, incident/problem management, developed DB2 SQL queries to manipulate data in development and production.
* Learnt and implemented Lean Six Sigma methodology on project level by analysing and improving business processes which led to an average CPU savings to 2400 hours per annum.