

Kulbushan Shah

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Summary:

- Graduating with MSc in Data Analytics from the Queen's University of Belfast. Currently looking for employment to expand my career in Data Analytics and Machine Learning.
- Four months of experience as a Data Scientist Intern with Sensum for analysing multimodal data and model building.
- With a three years of IT experience in the development and maintenance of the manufacturing and retail applications of the Waste Management U.S based client.

Competencies:

Programming Languages: R, Python, Java.

Development Tools: RStudio, Spyder, Eclipse, MatlabR2018a, Jupyter Notebook.

Database: PostgreSQL, Oracle 10g, MySQL.

Web Technologies: SOAP based Webservices, Restful webservice.

Web Servers: WebSphere 8.5, Tomcat 7.0.

Machine Learning Algorithm: Linear and Logistic Regression, Support Vector Machine, Artificial Neural Network, Naive Bayes, CNN, NLP, Gradient Boosting Model.

Work Experience:

Sensum

Belfast, UK

Data Scientist Intern [Data analysis & model building]

June 2019 – Sept 2019

- Collaborated with different teams to develop empathic – AI system.
- Collected and managed training data for analysis.
- Derive novel features from data using R.
- Assisted with the development of Synsis engine for modelling human states and emotions.
- Analysed and created visualisation for conveying the insights derived from data models.

Quinnox Consultancy Service Limited

Bangalore, India

Consultant

Jan 2016 – Nov 2017

- Collaborated with different teams to enhance and support e-commerce application.
- Interacted with the Client, Liaison to gather and understand the application requirement.
- Planned and designed SQL trigger to smoothen the payment flow and to support the business affected by payments failure issue, experienced by customers, and customer representatives.
- Guided and oversaw a team of four people to provide deliverables on planned schedules.
- Analysed backend jobs related to the payment flow scheduled in the Control M Citrix server.
- Involved in resolving the production related issues and responsible for taking proactive steps to hinder anticipated bugs.

Quinnox Consultancy Service Limited

Bangalore, India

Software Developer

Nov 2014 – Jan 2016

- Worked in a team of eight people to deliver add-on webservices to the Streamline application.
- Interacted with the Quality Assurance team to understand the functional aspects of the application.
- Implemented end-to-end taxation model in billing features using Java based webservices.
- Designed add-on service by creating end-to-end taxation module in billing feature of Streamline application to reduce manual efforts.

- By working collaboratively with the KPMG, Thomson Reuters and ESB team accomplished flow of tax related data between different applications, successfully.
- Succeeded in accurately rendering the data between different applications of the developed model.

Academic Data Science Projects:

RStudio

- Analysed **Car Manufacture Testing** dataset to predict time variable using supervised learning model. Used visualisation analyses to get insights of dataset and implement regression models that yields response variable with high accuracy.
- Analysed **Credit card transaction** dataset to get insights of data by visualisation, looking for variables which are statistically significant, building and predicting the model's accuracy, gathering common patterns that have high chances of customer being victimised to fraudulent transaction.
- Using exploratory data analysis, visualisation techniques, analysis of variance, multiple linear regression and KNN model analysed the **Fused Filament Fabrication 3D printer** dataset to determine quality, accuracy, and strength of the target variables, which are influenced by input independent variables.
- Worked on **Integrated Single Electricity Market** dataset provided by Energia of different markets to determine how to optimize the purchase considering various factors that derives the decision based on forecasted wind, demand, forecast error, time, actual price of different markets.

Education:

Degree	Percentage	Institute	Year
Master of Science in Data Analytics	64.14%	Queen's University Belfast	2018 - 2019

Modules: Programming & Database using Python Notebook and SQLite, Data Mining using R, Data Analytics Fundamentals using RStudio, Machine Learning, Frontiers in Analytics, Analytics in Action.

Master of Computer Application	71.33%	The Oxford College of Engineering	2011 - 2014
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Modules: Java, C++, Discrete Mathematics, Unix, Operations Search, COBOL, Data Structure.

Bachelor of Computer Application	66.00%	S.B. College of B.C.A	2008 - 2011
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Modules: C, DBMS, Optimization Techniques, Operating System, Multimedia, Web Technology.

Additional Skills:

- Liaised between three departments to check for any anomaly in the database by performing regression checks.
- Led a team of four people to remedy the production issues and solve customers' query.
- Collaborated with a team of five people in the Leadership in Practice program that challenged teamwork.
- Language known English, Hindi, Marathi, Kannada.

Achievements:

- Awarded for accomplishing Leadership in Practice program by Queen's University Officers' Training Corps, Royal Military Academy Sandhurst Group in January 2019.
- Presented with citation of customer appreciation by Waste Management client in March 2016, for implementing the Streamline Sabrix integration project.
- Awarded for actively volunteering in the Ox-tech fest organized in The Oxford College of Engineering in 2013.

Reference:

Available upon request.