KULBHUSHAN SHAH

☏ +91 8867023488 | ✉ kulbhushan.cn@gmail.com | LinkedIn | Medium | GitHub

A highly skilled **Data Analytics Professional** with a Master of Science degree from Queen's University of Belfast, specializing in **Data Science**, **Machine Learning**, and **Artificial Intelligence**. Possess **3.5+ years** of IT experience, with proven expertise in **statistical analysis**, **predictive modelling**, and **data visualization**. Demonstrated ability to lead **data-driven projects**, optimizing operations and achieving strategic goals. Proficient in **Python**, **MySQL**, **Power BI**, and **Tableau**, with a strong background in developing solutions that enhance data accuracy and business efficiency. Managed **manufacturing and retail applications** for a U.S.-based waste management client. Eager to utilize technical and soft skills in a work environment to facilitate impactful business decisions and drive success.

PROFESSIONAL EXPERIENCE

Daksha Enterprises Private Limited, India

Executive Assistant | May 2025 – Jun 2025

- Designed marketing materials including flyer, brochures, and banners using Canva, incorporating feedback for improvements.
- Created business speeches and presentations for the founders to effectively communicate company vision and mission during public events.
- Improved existing Excel reports by creating visualizations, applying data validation, establishing consistent naming conventions, and removing redundant tables to enhance clarity and usability.
- Assisted in proposal drafting, email communication with event organizers, and collaboration outreach for marketing events.

Self-Employed, India | Jun 2020 – Apr 2025

- Proficient in advanced tools such as BI tools, Statistics, MySQL, Python, and Data Analysis.
- Possess certifications in the Data Science domain.
- Skilled in language learning and technical competencies.
- Experienced in working within an educational setting and a family-run business.

Sensum.co, United Kingdom

Data Scientist Intern | June 2019 – Sept 2019

- Collected, processed, and managed training datasets for AI-based emotion recognition models.
- Built features from multimodal data to improve machine learning model accuracy.
- Supported the development of the Synsis engine for modelling human emotional states.
- Conducted exploratory data analysis and created visualizations to derive actionable insights.
- Developed new features from data using R.
- Collaborated with researchers to validate AI models and ensure data integrity.
- Participated in the end-to-end development cycle of empathic-AI systems, integrating feedback from cross-functional teams.

Quinnox Consultancy Services Limited, India

Software Engineer / Consultant | Jan 2016 – Nov 2017

- Led a team of 4 to analyze, design, and deploy IT solutions for an e-commerce application.
- Coordinated with clients to gather and clarify business requirements.
- Designed and implemented SQL triggers to resolve payment flow issues, reducing failure rates.
- Monitored and optimized backend job execution in Control-M Citrix environments.
- Delivered technical documentation and ensured compliance with client-specific standards.
- Conducted root cause analysis for production issues and proposed preventative measures

Quinnox Consultancy Services Limited, India

Software Engineer Trainee | Nov 2014 – Jan 2016

- Designed and developed web services to support billing and taxation workflows.
- Collaborated with QA teams to identify and resolve functional issues.
- Implemented an end-to-end taxation module to streamline billing operations.
- Coordinated with cross-functional teams, including KPMG and Thomson Reuters, to integrate tax-related data.
- Ensured accurate data transfer between applications, maintaining system reliability.
- Reviewed and refactored existing codebases to improve application performance.

TECHNICAL SKILLS

Programming Languages
- Python

Development Tools
- Microsoft Power BI
- Tableau
- MS Excel
- Spyder
- Jupyter Notebook

Databases
- MySQL

Machine Learning Algorithms
- Linear and Logistic Regression
- Support Vector Machine (SVM)
- Artificial Neural Networks (ANN)
- Naive Bayes
- Convolutional Neural Networks (CNN)
- Natural Language Processing (NLP)
- Gradient Boosting Models

Statistical Tools
- R (for data mining and analytics fundamentals)

KEY SKILLS

- Data Analysis and Visualization
- Machine Learning
- AI Model Development
- Database Management and Query Optimization
- Business Intelligence and Reporting
- Software Development
- Web Services Integration
- Project Management
- Statistical Modelling and Feature Engineering
- Quality Assurance
- Analytical Thinking
- Strong Interpersonal
- Communication Skills
- Client and Stakeholder Management

ACHIEVEMENTS

- **Leadership Excellence:** Awarded by Queen's University Officers' Training Corps, January 2019
- **Client Appreciation:** Recognized by Waste Management for project implementation, March 2016
- **Outstanding Volunteer:** Honored at the Ox-tech fest, The Oxford College of Engineering, 2013

ADDITIONAL RESPONSIBILITIES

- **Data Integrity:** Ensured accuracy across multiple departments with targeted regression checks
- **Leadership & Problem Solving:** Directed a team of 5 to resolve production issues and customer queries
- **Team Collaboration:** Strengthened teamwork skills in a structured leadership program

EDUCATION

- **Master of Science in Data Analytics,** Queen's University Belfast, UK, 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,** The Oxford College of Engineering, 2011 – 2014
  Modules: Java, C++, Discrete Mathematics, Unix, Operations Search, COBOL, Data Structure

PERSONAL DETAILS

- **Address:** Pune, India
- **Nationality:** Indian