

# Milan Garg

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## EDUCATION

### University of Leeds

Leeds, UK

Masters In Business Analytics and Decision Sciences

2023 - Present

Relevant Coursework to be undertaken: Business Analytics and Decision Sciences/Effective Data Visualisation

Key skills: Data Analysis, Data Visualisation using Tableau, Structured Thinking

### Shiv Nadar University

Dadri, India

Bachelors of Technology in Computer Science

May 2014 - May 2018

Relevant Coursework Done: Algorithmic Thinking/Information Theory

Key Skills: Computer Programming, Database Design, Data Mining, Software Development

## WORK EXPERIENCE

### Slingshot Simulations

Leeds, UK

UX Engineer – Data Science Specialist Internship

Nov 2023– Jan 2024

- Understand simulation software Compass Engine in the context of Vehicle Emissions.
- Research and implement Panintelligence data visualization software for creating analytics and drive key insights from simulated data.
- Create a data warehouse and perform end-to-end ETL process to find insights from geospatial vehicle Emissions datasets.
- Implement visualizations in Tableau and compare the difference between multiple analytics software.

### Nyalazone Solutions PVT LTD

Noida, India

Lead Engineer

July 2022– August 2023

- Create Business Process for Road Accident Fund, South Africa to help tackle queries related to any road incidents.
- Guiding a team of software engineers in building and improving the flagship CRM system.
- Implement Data Ingestion Pipeline for Department of Economics, South Africa.
- Design Dashboard using SQL for Data Visualisation for Department of Economics, South Africa.
- Create Coding, API Guidelines and Support Infrastructure for new developers.

### Nyalazone Solutions PVT LTD

Noida, India

Data Engineer

June 2018 – June 2022

- Implement the CRM product for Department of Labor South Africa.
- Data Cleansing and Syncing between multiple databases resulting in an Integrated Database for multiple public sector organisations in South Africa.
- Analyse multiple databases including Postgresql, Oracle, SAP to find and solve data inconsistency issues.
- Build and Improve the Data Migration Tool, DDS which is used to implement pipelines, data transformations and data governance rules.
- Create business process for a private insurance broker using the DCE product.
- Key contributor in building the flagship product, DCE in Python and Angular for the organization.

## VOLUNTARY EXPERIENCE

### Team Everest

Tamil Nadu, India

Volunteer

March 2023

- Counselling sessions and tackling mental health issues with underprivileged women in Indian Society.

## SKILLS AND INTERESTS / AWARDS AND ACHIEVEMENTS

- Computer: Proficient in Microsoft Office (Excel, Word, Powerpoint), Process Design (draw.io)
- Computer Languages: SQL(Advanced), Python(Advanced), Typescript with Angular (Beginner), Tableau
- Languages: English (Proficient), Hindi (Native)
- Interests: Database Design, Data Modelling, Data Mining, Product Engineering

## Courses Undertaken

- Divide and Conquer, Sorting and Searching and Randomised Algorithms - Coursera, Stanford University
- Power BI virtual Case Experience – The Forage, PWC