**CHARU BISHT**

**DATA SCIENCE | DATABASE ENGINEER**



CONTACTS

Passionate technologist with a special interest in **machine learning**, I offer expertise in **data-driven** problem solving through my **cross-functional** experience in data science, business intelligence, database administration. Eager to contribute to team success through hard work, attention to detail and excellent organizational skills.

**CORE SKILLS:** Python3, R, Advanced SQL, Oracle, statistical distributions, statistical testing, supervised learning, unsupervised learning, Data wrangling, feature engineering, multivariate time series, deep learning, CNNs, RNNs, ANNs, decision trees, Monte Carlo simulation, reinforcement learning, computer vision, machine learning explainability, operations research, mathematical modelling, MLOps, Game AI, responsible AI practices, ELT/ETL, Azure Data Warehouse, SQLite, Microsoft Azure Synapse Analytics, Azure Databricks, PowerBI, Excel, PowerPoint, Jupyter Notebook, A/B Testing, Docker, Linux, Git, Carla simulator.



Stockholm, Sweden (Open to relocate)

+4670325386

+919711488546 (WhatsApp)

Bcharu597@gmail.com

<https://www.linkedin.com/in/charu-bisht>

<https://github.com/charubisht1>







WORK EXPERIENCE

### 06/2019 to 12/2021

### Oracle Database administrator, hcl, india

**Core responsibilities: Delivering end-to-end oracle database infrastructure for 900+ databases and managing over 50TB data from various oracle database service platforms.**

* Conducted and performed routine administration tasks including database configuration, database backup and recovery, database patching, and database auto-upgrades in collaboration with multi-functional teams.
* Optimised database solutions via automated scripting for culturally diverse stakeholders like business developers, application developers, and data analysts.
* I oversaw and delivered database migrations for integrated systems that included standalone and RAC databases, data guard, database monitoring tool both on-prem and in Microsoft Azure Cloud.
* Facilitated automated PL/SQL scripts to spot any anomalies from database logs and monitor end-to-end database components like memory/CPU usage, database health checks in form of reports, dashboards via Oracle OEM.

### 05/2017 to 7/2017

### Marketing-tech Intern, progressive infotech, india

**Main activities and responsibilities:**

* Feature and performance testing for Centilytics (AWS billing tool).
* AB testing to optimize marketing campaigns to increase customer engagement and brand awareness.
* Inclusion in agile framework via Scrum agile methodology.

EDUCATION

**CURRENT**

Masters - Data Science

Dalarna University, Sweden

Scholarship Holder

**(2014-2018)**

BTECH - IT

Amity University, India

Final Grade: 8.48/10 (SGPA)

COURSES/TRAINING

* edX – IBM Machine Learning with Python: A Practical Introduction
* edX – MIT Machine Learning with Python: from Linear Models to Deep Learning
* Microsoft Training: Work with Data Warehouses using Azure Synapse Analytics
* Microsoft Training: Explore fundamentals of large-scale data warehousing
* Microsoft Training: Microsoft Azure AI Fundamentals: Explore visual tools for machine learning
* Microsoft Training: Build and operate machine learning solutions with Azure Databricks

CERTIFICATES

ACHIEVEMENTS

* Increased customer case resolution rate by 40% by delivering a platform to share troubleshooting summaries.
* Led and delivered over 500+ upgraded databases using automated scripts, cutting short the delivery time by 50%.
* LinkedIn badge holder in MySQL, Python, PowerBI, Machine Learning, Microsoft Azure – top 5% of 4.1M people.
* As a data science student, I have passed the most challenging courses like Statistical Learning, Data warehousing, Data driven Leadership with VG (distinction). I have also volunteered to conduct study session for students who have difficulty in catching up with the courses.
* Kaggle – Intermediate Machine Learning
* Kaggle – Machine Learning Explainability
* Kaggle – Feature Engineering
* Kaggle – Time series

Kaggle - Advanced SQL

Kaggle - Computer Vision

Kaggle - Intro to Deep Learning

* Self-driven
* Strategic planner
* Problem solver
* Result oriented
* Team Player
* Curious
* Adaptable
* Conflict management



SOFT SKILLS

PROJECT EXPERIENCE

* Multivariate time series to predict stock prices based on historical data using Pandas, Matplotlib, NumPy, Scikit-learn.
* Sales forecasting on H&M store based on multivariate time series data such as product catalogue, sales history, promotions using LSTM networks from TensorFlow, PyTorch, Scikit-Learn.
* Image classification on CSR using transformer based deep Learning ViT, Keras, TensorFlow.
* Sentiment analysis on Star Wars movie scripts using NLTK libraries.
* Prediction of customer churn using BERT, PyTorch, TensorFlow, Keras

LANGUAGES

* English (Native)
* Learning Swedish

REFERENCE

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| Mukesh Pal | Category Manager | Mukesh.pal@skf.com |