

# RAKSHITA SANKHE

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## SUMMARY

IT graduate with strong analytical skills and hands-on experience in data analysis, Python programming, and data visualization. Currently pursuing a Graduate Diploma in Computer and Information Sciences part-time at AUT. Proven ability to apply critical thinking and technical knowledge to solve real-world problems. Motivated to contribute to data science and analytics roles through continuous learning and practical projects..

## TECHNICAL SKILLS

- **Languages & Tools:** Python, SQL, Excel, C/C++, Git
- **Libraries/Frameworks:** Pandas, NumPy, Matplotlib, OpenCV
- **Databases:** MySQL
- **Data Science & AI:** Data Cleaning, Image Segmentation, Object Detection
- **Software & Platforms:** Power BI, Tableau, MS Office Suite
- **Operating Systems:** Windows, Linux
- **Other:** Data Visualization, Data Entry & Reporting, Analytical Thinking

## EXPERIENCE

### Room Attendant in Hotel Housekeeping | 07/2023 to 05/2025

*Powderhorn Château - Ohakune, New Zealand*

- Monitored cleanliness of lobby, swimming pool and other common areas.
- Washed and polished glass windows and doors to keep entryways clear and professional.
- Maintained well-stocked and well-organized service carts to support efficient and timely cleaning services.
- Ensured that all appliances were in proper working order by testing them regularly.
- Employed deep-cleaning techniques for areas in need of additional sanitation.
- Coached new housekeeping personnel by demonstrating approved cleaning procedures.
- Supplied extra towels and toiletries when requested to optimize guest comfort.
- Responded quickly to guest requests for additional items or services within scope of service offered by the hotel.

### Data Analyst Intern | 09/2019 to 03/2020

*Drishti Works - Mumbai, India*

- Collecting and interpreting data.
- Distributing data.
- Image segmentation and object detection tasks.
- Data collection of various farm crops.
- Communication with the clients and trying to understand their problems and assist them.
- Provided technical support to team members on data-related issues.
- Engaged in continuous learning to stay updated on new data analysis tools and techniques.
- Collected, tracked and evaluated current business and market trend data.

## EDUCATION

### Bachelors of Technology (Information Technology) | 06/2019

*Usha Mittal Institute of Technology, SNDT University - Mumbai, India*

NZQA Bachelor's degree at Level 7

## PROJECTS & PORTFOLIO

### Performance Improvement of LTE Network Using Narrowband Internet of Things (NB-IoT)

*Bachelor of Technology in Information Technology*

Simulated LTE networks with NB-IoT using NS-3 to evaluate and improve performance under various FFR algorithms.

### NZ Banking Customer Insights – Churn Analysis

*Python | Power BI | GitHub*

Cleaned and visualized NZ bank data, built a churn prediction model using logistic regression, and created an interactive Power BI dashboard for stakeholders.

[View project](#)

### Movie Recommendation System | (in progress)

*Python | Pandas | Streamlit | SQL*

Built a hybrid recommendation system using collaborative and content-based filtering And Implemented matrix factorization and user mood tracking for personalized suggestions.

[View Project](#)

## CERTIFICATIONS

### Artificial Intelligence

[ude.my/UC-9ab99049-cd20-4539-ba2f-89f35587cb9b](https://ude.my/UC-9ab99049-cd20-4539-ba2f-89f35587cb9b)

## LANGUAGES

### English:



Professional

### Hindi:



Professional

### Marathi:



Professional