

Khushnud Ahmed

DATA ANALYST

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Highly motivated Data Analyst with a proven ability to develop and implement machine learning models that drive impactful results. Developed the "AI Guardian" smart app, showcasing expertise in data management, predictive modeling, app development, and data visualization using Python, SQL, and big data technologies (Hadoop, Spark). Possessing strong analytical and problem-solving skills, I am eager to contribute to a data-driven organization where I can leverage my diverse skillset to solve complex business challenges.

TECHNICAL SKILLS

- **Programming Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn, OpenCV), Java, C++
- **Big Data Technologies:** Apache Hadoop, Apache Spark, Apache NiFi, MapReduce
- **Databases:** SQL, Database Management
- **Cloud Platforms:** Firebase
- **Data Visualization:** Tableau, Power BI, Kibana
- **Machine Learning:** Regression, Clustering, Decision Trees
- **Other:** React.js (HTML, CSS, JSX), Android Studio, Networking Fundamentals, Cisco Packet Tracer, Microsoft Office Suite

SOFT SKILLS

- **Communication**
 - **Teamwork**
 - **Problem-solving**
 - **Time management**
 - **Organization**
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EDUCATION

09/2024 – Present

Master of Science in Data Science and Analytics
Toronto Metropolitan University – Toronto, Canada

02/2020 – 02/2024

Bachelor of Science in Computer Science
SZABIST – Dubai, UAE

WORK EXPERIENCE

October 2024 – November 2024

Data Analytics and Visualization - Accenture North America Job Simulation | Forage

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.

May 2023 – August 2023

Graphic Designing Intern – Desert King Waterproofing LLC | Ajman, UAE

- Designed 20+ visual content pieces using Photoshop and Blender, enhancing client presentations by 15%.
- Collaborated with a senior designer to manage 5 design projects, ensuring timely delivery of high-quality designs.
- Improved image quality by 25% through retouching and revision techniques, increasing customer satisfaction.

July 2022 – September 2022

IT Technical Support Intern – Blue LLC | Al Serkal, Dubai, UAE

- Troubleshoot operating systems, hardware, and software problems to identify root causes.
- Set up new users with IT systems and equipment, providing further support to new starters.
- Participated in weekly department meetings to provide input on new and technical processes.

PROJECTS

- **Ai Guardian:**
 - Developed a comprehensive support system for individuals with physical disabilities using Python, Firebase, and Java.
 - Integrated gesture recognition to help users with limited mobility, allowing for emergency alerts to family members or caregivers.
- **AAPL Stock Data:**
 - Analyzed Apple stock data (1980-2024) for trends and patterns in trading volume, price, and long-term growth.
 - Successfully identified key factors influencing stock prices, including product releases, SEC filings, and seasonality.
 - Developed and communicated actionable insights for stakeholders, including investors and market analysts, through impactful reports and visualizations.
 - Optimized data processing and analysis techniques using tools like Hive, Spark, MapReduce, and Elasticsearch, resulting in efficient and accurate insights.

- **NYC Taxi Trip Duration Prediction:**
 - Built a machine learning model using Python (Pandas, scikit-learn) to predict taxi trip durations, achieving a 92% accuracy rate.
 - Preprocessed over 1 million data records, improving model performance by 30% through feature engineering and data cleaning techniques.
 - Applied regression models (linear regression, decision trees) to optimize prediction accuracy.
 - **Customer Churn Prediction:**
 - Developed a predictive model to identify potential customer churn using machine learning, leading to enhanced customer retention strategies.
 - Performed data cleaning, feature engineering, and used logistic regression and random forests to achieve 88% accuracy.
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VOLUNTEER EXPERIENCE

- **Social Service Volunteer | St. John's Compassionate Mission | Nov 2024**
 - Organized and maintained client records, ensuring accuracy and accessibility of information.
 - Collaborated with a team of volunteers and staff to plan and execute support initiatives.
 - Provided direct support to individuals accessing services, addressing their needs and offering guidance.
 - Developed strong communication and interpersonal skills while working with diverse populations.
 - **Food Distribution Initiative | Toronto Metropolitan Graduate Students' Union | Dec 2024**
 - Managed registration data using Excel, ensuring accuracy and accountability in food distribution.
 - Collaborated with a team to design and implement an efficient distribution workflow, minimizing delays.
 - Assisted students during the distribution process, addressing queries and ensuring they received the correct items.
 - Developed strong data handling, teamwork, and communication skills in a fast-paced environment.
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CERTIFICATIONS

- Amazon Virtual Assistance (VA) Course
 - Introduction to Cloud (IBM)
 - Machine Learning for Beginners (Analytics Vidhya)
 - Certified CS50 Certificate (Harvard edx)
 - Accenture Data Analytics and Visualization Job Simulation
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REFERENCE

Dr. Rukshanda Kamran | Associate Professor | rukshandakamran@gmail.com