**AYUSH GUPTA**

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**HIGHLIGHT OF QUALIFICATIONS**

* **Education:** Currently Pursing with a Bachelor of Science in Computer Science, with coursework in programming, software development, database management and operating systems.
* **Technical Skills:**
  + **Programming Languages:** Python, JavaScript, HTML and CSS
  + **Databases:** SQL Server, PostgreSQL, Oracle
  + **Cloud Databases:** Snowflake
  + **Big Data Technologies:** AWS S3, AWS Glue, AWS Athena, Apache Spark, Hadoop
  + **Operating Systems:** Linux, Windows Server
  + **Scripting & Automation:** Python, Bash
  + **Version Control Systems:** Git
  + **Data Analysis & Reporting:** SQL queries, ETL processes, Data Modeling
  + **Data Visualization & Documentation Skills:** Experience creating Process and Data Flow visualizations. Strong in data mapping and capturing Use Cases. Proficient in Power BI (DAX, Power Query), Tableau, SSRS, and Excel (Pivot Tables, Advanced Functions (VLOOKUP , XLOOKUP), Power Query).
  + **Virtualization & Virtual Machines:** Oracle VirtualBox
  + **Task Management Tools**: Jira
  + **Machine Learning & Predictive Analytics**- Decision Tree, Data processing (feature engineering, data cleaning, model evaluation).
  + **Project Management & Methodologies:** Proficient in Agile and Waterfall methodologies, including SDLC models for structured project planning and execution.
* **Employability Skills**: Brings strong communication, analytical, and organizational skills, with a proven ability to work independently or collaboratively in fast-paced, team-oriented environments. Excels at delivering client-focused service and adapting to both technical and non-technical audiences. With keen attention to detail, manages competing priorities effectively while meeting tight deadlines. Self-motivated, eager to learn, and demonstrates leadership through projects and initiatives. Committed to supporting a culture that champions equity, diversity, and respectful workplaces.

**EDUCATION**

**Undergraduate degree - Information Technology (E-Commerce)** | 2022 – Present

York University, Toronto, ON

**Relevant Coursework:** Object-Oriented Programming, Data Structures and Algorithms,

Systems Administration, Management Information Systems, Introduction to Computer Hardware, Discrete Mathematics, Systems Analysis and Design, Applied Data Communications and Networks, Using and Designing Database Systems, Modern Approaches to Data Management, Web Mining, Statistics for Machine Learning, Operational Research. (**Two-times recipient of the York Scholarship**.)

**Advanced Diploma - Business Management and Information Systems**| 2018 –2020 Centennial College, Toronto, ON

**Relevant Coursework:** Computer Applications, Professional Communication, Operations Management, Management Decision Making, Business Law & Statistics., **GPA: 3.4 / 4.00**

**WORK EXPERIENCE**

**Venture for Canada – Data Analysis & Cleaning (Agora Arts**) | July 2025 – Aug 2025

Toronto, ON

* Cleaned and validated raw data to remove errors and inconsistencies, ensuring project accuracy.
* Organized and structured datasets to improve accessibility and streamline workflows.
* Updated the Agora Arts website to reflect accurate and consistent data.
* Collaborated with peers to troubleshoot data issues and maintain consistency across datasets and the website.

**Database Developer (Co-op)** | Sept 2024 – April 2025

**Richarson Wealth Ltd, Toronto, ON**

* Develop and optimize SQL queries for data extraction, transformation, and analysis, ensuring accuracy and efficiency.
* Design and implement stored procedures and functions to automate data processing, ETL workflows, and reporting tasks.
* Create and maintain SSRS reports and Power BI dashboards, providing actionable insights to business stakeholders.
* Conduct data modeling and database design to enhance reporting, analytics, and data visualization capabilities.
* Perform data cleaning, transformation, and wrangling to ensure data quality and consistency for analysis.
* Apply Machine Learning techniques for predictive analytics, trend analysis, and business intelligence insights.
* Collaborate with cross-functional teams to gather, analyze, and interpret business requirements, translating them into data solutions.
* Utilize DAX and Power Query in Power BI to create dynamic reports and interactive visualizations.
* Conduct exploratory data analysis (EDA) using SQL and Power BI to identify patterns, trends, and key business metrics.
* Ensure data integrity, performance tuning, and troubleshooting of SQL Server databases to support analytics workloads.
* Follow T-SQL programming best practices to optimize query performance and maintain data consistency.
* Document database structures, reporting processes, and data models to support knowledge sharing and scalability.

**Technical Support Advisor**| May 2020 – July 2022

**Nordia, Saint John, NB**

* Diagnosed and resolved technical issues related to software, hardware, and server infrastructure, including Windows Server, Active Directory, DHCP, and DNS, ensuring system stability and minimal downtime.
* Maintained accurate records of support requests, fulfillment actions, and processing of service agreements in line with company standards.
* Delivered clear and effective troubleshooting guidance for customers, utilizing excellent communication skills to resolve technical issues promptly.
* Collaborated with internal teams to address and resolve complex issues related to server configuration, Active Directory management, and network services.
* Provided support and solutions for DNS and DHCP configurations, ensuring network connectivity and reliable system performance.
* Utilized diagnostic tools to guide users through troubleshooting steps, enhancing their ability to resolve issues independently and improving overall support efficiency.

**Power BI Developer Intern |** Sept 2017 – Dec 2017

**Fortec Solutions, Chandigarh, India**

* Supported the migration of 70+ reports from ZAP BI to Power BI, assisting with centralizing queries and automating data refresh processes, improving consistency and efficiency by 25%.
* Assisted in identifying and resolving bugs in reports used by 90+ senior leaders, optimizing query performance and report accuracy.
* Contributed to the design and development of user-friendly Power BI dashboards and reports tailored to specific business needs, ensuring clarity for key stakeholders.
* Helped provide ongoing training and support for Power BI users, enhancing their ability to effectively use reports and dashboards for daily operations.
* Assisted in developing and maintaining documentation for report migration processes, governance settings, and Power BI best practices.
* Played a role in automating routine reporting tasks, improving data delivery timelines and reducing manual efforts.
* Worked with the team to communicate updates, improvements, and changes within the Power BI suite to keep stakeholders informed.
* Collaborated on data quality assurance efforts to ensure data integrity and accuracy in reports.
* Actively participated in team meetings, contributing insights and ideas for enhancing reports and developing new features.

**LEADERSHIP EXPERIENCE**

**Peer Mentor**| September 2022- August 2023

Liberal Arts and Professional Studies- York University, Toronto, ON

* Encouraged students to develop foundation skills to succeed throughout their academic year and actively engage in their university experiences.
* Hosted winter orientations to welcome our new students, followed by weekly events and news to keep our mentees involved and aware of the events happening at York.