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EDUCATION

George Brown College, Toronto,	**September 2024- August 2025**

Cloud Computing Technologies (Honours)

Conestoga College, Kitchener	**January 2024 – August 2024**

Big Data Solution Architecture (Distinction)

Anna University, India	**August 2016 – April 2020**

Bachelor of Engineering, Computer Science and Engineering

TECHNICAL SKILLS

Languages:	Python, SQL, Shell Scripting
Big Data Technologies:	Spark, Hadoop, Hive
CI/CD Technologies:	Kubernetes, Docker
Databases:	MySQL, MS SQL, HBase
Cloud:	AWS, Azure
Operating System:	Linux

CERTIFICATIONS:

- AWS Solutions Architect – Associate
- AWS Certified Cloud Practitioner
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Power BI Data Analyst (PL-300)

WORK EXPERIENCE

Capgemini Technologies, India   Senior Analyst (IAM)   June 2021 – December 2023

- Led and managed Identity Access Management (IAM) for over 50,000 users, improving user security, authentication, and authorization processes while minimizing access-related issues.
- Developed and implemented Standard Operating Procedures (SOPs) for the IAM team, increasing productivity and workflow efficiency by 30%.
- Applied Multi-Factor Authentication (MFA) and Single Sign-On (SSO) solutions, achieving a 25% reduction in security incidents and improving overall security and user accessibility.
- Automated repetitive IAM tasks using PowerShell scripting, reducing manual work by 40%, improving team efficiency, and enhancing operational speed.
- Delivered proactive incident response and conducted root cause analysis, resolving issue quickly and maintaining a 95% customer satisfaction rate.

PROJECTS

Feedback Management System (AWS Multi-Tier Architecture) Link

- Implemented a multi-tier feedback processing system on AWS, integrating Amazon Comprehend for NLP-based sentiment analysis of customer feedback with accuracy-driven insights.
- Built a cloud-native pipeline using EC2 (Web & App tiers) for data collection, RDS for structured storage (raw + analyzed data), and Amazon Quick Sight for real-time visualization of sentiment trends.

AWS Serverless Data Pipeline Link

- Implemented a fully serverless pipeline on AWS to automate ingestion, cleaning, transformation, and visualization of CSV data in near real-time.
- Designed an event-driven architecture using S3 (raw → processed → final), Lambda for preprocessing, Glue for ETL transformations, and Quick Sight for dashboards, ensuring scalable and low-maintenance analytics.