Milad Tajvidi

MSc, Data Science | 6x-AWS Certified

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Objective

All-around data aficionado looking for a position which lets me contribute my expertise and also grow at the same time. I have completed my master's degree in data science. Alongside strong background in ML, DL and AI, I have honed my hands-on experience and technical knowledge with different cloud solutions and technologies(Mostly AWS, but I'm familiar with Azure, Fabric, Snowflake and Databricks as well). I never shy away from learning more and I continue to participate in academic / industry talks and meetups to stay relevant. Please feel free to checkout my work at provided socials(Linkedin, github, portfolio website).

Certifications & Skills

- **Cloud Certifications:**
    - AWS Machine Learning Specialty
    - AWS Professional DevOps Engineer
    - AWS Associate Data Engineer
    - AWS Associate Solution Architect
    - AWS Associate Cloud Developer
    - AWS Fundamentals Cloud Practitioner
    - Microsoft Associate Power BI Data Analyst
    - Nvidia Associate Gen AI LLMs
- **Technical Skills**:
    - **Programming**: Python, SQL
    - **Cloud**: AWS, Microsoft Fabric, Snowflake, Databricks
    - **Databases**: Relational, No-SQL
    - **Devops**: Git/GitHub, Docker, Airflow ,Linux
    - **Streaming**: spark, Kafka
    - **Visualization**: PowerBI, Tableau
    - **Relevant Specialized Skills**: ML,DL,Statistical Modeling, GenAI, NLP, Computer Vision

Professional Experience

Freelance Data Scientist/Engineer   May 2024 - Aug 2024
Upwork   Remote
- Designed and deployed cloud-based ETL pipelines for automated data ingestion from APIs into AWS, ensuring secure, scalable, and reliable data workflows.
- Translated business requirements into efficient data schemas and transformation processes, improving downstream analytics.
- Integrated AWS Lambda, CloudWatch, and CloudTrail for real-time monitoring and validation, enhancing data accuracy and system resilience.

Back-end Developer & Programming Instructor   Jan 2020 - June 2022
Institute of Technology Development of Canada   Vancouver, Canada
- Developed and optimized ETL processes to improve data accessibility and reporting timelines.
- Delivered lectures and mentorship on database management, SQL, and data engineering tools, fostering the next generation of data professionals.
- Collaborated across departments to implement scalable solutions for critical operations.
- Mentored junior developers and contributed to project documentation and standards

Research Assistant   2013-2017

University of Calgary   Calgary, Canada

- Conducted research on digital pre-distortion methods for radio frequency power amplifiers, contributing to projects focused on enhancing signal processing efficiency

Education

MSc, Data Science (GPA: 3.95)   2023-2024

University of Colorado Boulder   Colorado, USA

Information Technology with Co-op Diploma   2018-2020

Concentration in System & Embedded Programming   Vancouver, Canada

Institute of Technology Development of Canada

BSc, Electrical Engineering

Sharif University of Technology   Tehran,Iran

Volunteer Activities

Organizer   Sep-Oct 2025

Hacker Rivals (AWS Community Day)   Vancouver

- Helped the organizing committee with the hackathon's promotion and managing the contestants

Presenter   Aug-Sep 2024

Generative AI Coding Group   Remote

- Delivered presentations on Variational Autoencoders and diffusion models, preparing technical content and code samples for a generative AI coding community