Adwaith Kalugotla

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Objective:

Aspiring for Analyst with foundational certifications in **Snowflake SnowPro Core** and **AWS Certified Cloud Practitioner**, seeking to apply strong IT System Analyst, Business Analyst and Data Analyst, cloud infrastructure, and analytical skills in a dynamic, data-driven environment

Passionate about transforming raw data into actionable insights and building scalable data solutions that drive business value. Eager to contribute to innovative teams leveraging cloud data platforms and modern ETL/ELT pipelines

Educational Qualifications:

MASTER'S IN INFORMATION TECHNOLOGY, GANNON UNIVERSITY   **MAY 2025**

- **Related coursework:** AWS cloud computing, statistical computing using python, Data centric concepts using MySQL, business Intelligence methods with Power-BI, Data Analysis using Jupyter Notebook

BACHELOR'S, INFORMATION TECHNOLOGY, JNTU   **JULY 2023**

- **Related coursework:** HTML and Java-script, Data Structures, Research in Cyber-Security phishing attacks, Research in Machine learning algorithm - Linear Regression

PROJECTS:

SPEAKBUDDY – AI-POWERED DEBATE ANALYSIS APP

- Developed a cross-platform Flutter & Dart mobile app (iOS/Android) with a Python/Flask backend for audio capture, transcription, and AI analysis
- Independently elicited and documented business requirements, translating them into functional and technical specifications for real-time transcription and AI-driven debate analysis; defined system scope, evaluated AI/transcription tools, managed OpenAI API interactions, and resolved production issues to meet stakeholder and compliance needs.
- Engineered real-time per-round .wav recordings featuring manual pause/resume controls and NSDA-compliant automated timers with spoken round announcements
- Integrated Google Speech-to-Text API for live transcription and OpenAI Whisper for batch processing to maximize accuracy and handle long recordings
- Built a GPT-4–powered evaluation engine following NSDA formats (Lincoln-Douglas, Public Forum, Policy, Casual), producing winner decisions, quantified scores, strengths/weaknesses breakdowns, and actionable feedback
- Added transcript translation, PDF export of speaking summaries & AI feedback, shareable results via email/share sheets, and local session-history caching for offline review
- Designed custom UI animations, theme switching, and accessibility options (font size, contrast), following Agile methodology, modular architecture, and responsive UX/UI best practices
- Model business processes and data using industry-standard techniques and communicate these models effectively to stakeholders
- Understood the Change business need, the business solution, working with stakeholders, value proposition, and Context.

WEBSITE FOR STOCK PRICE PREDICTION

- Developed a website using machine learning algorithms, including Support Vector Machine (SVM), for stock price prediction. Integrated traditional trading indicators, such as Bollinger Bands and 20-day Simple Moving Average (SMA), to enhance prediction accuracy

  FRAUDULENT CREDIT CARD TRANSACTION DETECTION WEBSITE

- Developed a website for detecting fraudulent credit card transactions using advanced machine learning models. Implemented real-time detection capabilities to mitigate financial losses and protect users

CERTIFICATIONS:

- **AWS CERTIFIED CLOUD PRACTITIONER (CCP) – AMAZON WEB SERVICES**
  Demonstrated expertise in core AWS services including EC2, S3, Lambda, and RDS. Gained knowledge in cloud security, IAM, pricing models, and best practices for scalable, cost-effective cloud architecture

- **SNOWPRO CORE CERTIFICATION – SNOWFLAKE INC.**
  Validated skills in data warehousing concepts, Snowflake architecture, data sharing, performance optimization, and security best practices on the Snowflake platform

- **MACHINE LEARNING A-Z: PYTHON & R IN DATA SCIENCE – UDEMY**
  Completed comprehensive training in machine learning algorithms, data preprocessing, model building, and evaluation using Python and R

- **THE COMPLETE CYBER SECURITY COURSE: HACKERS EXPOSED! – UDEMY**
  Acquired skills in ethical hacking, network security, and identifying cyber threats and vulnerabilities

TECHNOLOGIES & FRAMEWORKS:

- Programming Languages: C, C++, Python, Java, SQL, HTML/CSS, JavaScript
- Database Technologies: MySQL, PostgreSQL, MongoDB
- AI,AWS and Data warehousing
- Cloud & DevOps: AWS, snowflake, Cloudflare, Docker, Kubernetes
- Web Technologies: Namecheap, Nginx, Apache
- Data Analytics: Power BI, Excel
- Operating Systems: Windows, Linux (Ubuntu)
- Video Editing – Microsoft Clipchamp, capcut
- **Content Creation:** Managed a successful **YouTube channel with 2,000 subscribers**, producing engaging content, demonstrating video editing, and audience management skills
- **Knowledge of Property and Casualty Insurance domain**
- **Knowledge of P&C Insurance DATA –** Maximizing Value with Data and Technology