Moe Dewedar

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PROFILE SUMMARY

Data Scientist with 3+ years of experience delivering ML-driven products using Python, SQL, and cloud tools. Strong background in document automation, NLP, dashboarding, and deploying models on AWS. Masters student at Georgia Tech.

EDUCATION

Georgia Institute of Technology   Atlanta, GA
Masters of Science in Computer Science – GPA: 4.0   *Expected 2026*
Ain Shams University   Cairo
Bachelors of Science in Mechatronics Engineering   *2023*

EXPERIENCE

Data Scientist   Jun 2023 – May 2025
FlairsTech | AI Services Provider
- Digitized 50K+ pages/month using a YOLO + SVM pipeline, cutting manual data entry by 70 hours/month and achieving 95% field accuracy.
- Fine-tuned multilingual BERT model for insurance form triage, reducing manual classification effort by 60%.
- Cleaned and analyzed patient satisfaction survey data ($\sim 2M$ records) to uncover patterns in service quality and regional performance.
- Deployed ML microservices with FastAPI on AWS ECS with Lambda + SQS for asynchronous processing, improving model scalability.
- Shipped Power BI dashboards linked to Jira/SonarQube APIs to track R&D performance, cutting weekly meeting prep by 30%.
- Built classification model to flag 15% of atypical call center chats, enabling QA to prioritize and improve audit coverage.
- Developed real-time support assistant using AWS-hosted Mistral LLM to retrieve answers mid-call, reducing issue resolution time.

Data Analyst   Jan 2022 – May 2023
Dina Pharmacy
- Designed Excel-based inventory tracking to alert low-stock items, cutting product stockouts by 20%.
- Standardized multi-source sales/inventory data to reduce reporting errors and streamline restocking.
- Created dashboards in Power BI and Excel to visualize stock health and reorder timing for 300+ products.

Service Desk Analyst   Present
K2 Services
- Troubleshoot and resolve end-user incidents via ServiceNow, maintaining high first-call resolution rates.
- Support ticket triage and escalation workflows for enterprise infrastructure systems.

Esports Analyst (Atlanta , GA)   Feb 2015 – Jan 2025
Hirez-Studios
- 10-year competitive career in professional esports, including 2 World Championship wins.
- Built Power BI and Excel dashboards to monitor player performance, track opponent trends, and visualize win/loss conditions.

CERTIFICATIONS

AWS ML Specialty, AWS Cloud Practitioner, Stanford Deep Learning & ML Specializations, 365DataScience Career Track

TECHNICAL SKILLS

Core: Python, SQL, Power BI, Excel, Git, Docker, REST APIs , React, JS
AI/ML: Scikit-learn, Transformers, Whisper, OpenAI, Flask, , PyTorch , LangChain, AWS SageMaker ECS Lambda , Agents , RAG , MCP, A2A , Finetuning , CNN , NLP ,LLM

Other: Jira, Agile, Linux, ServiceNow, MongoDB, VectorDB *GitHub*