

ESLAM KAMAL | AI Engineer

Phone: +20 115 898 2765 | Email: eslamehabkamal@gmail.com
Address: Cairo, Egypt | LinkedIn: [@eekamal](#) | Credly: [@eekamal](#)

ABOUT

Mr. Kamal joined Deloitte immediately after earning a bachelor's degree in electronics and communication engineering. He received an honorable mention for the highest GPA across the entire engineering class and showcased strong technical skills through notable placements in many international opportunities. In addition to expertise in machine learning, deep learning, and the MLOps field, Mr. Kamal possesses extensive knowledge of generative AI technologies and advanced cloud skills, verified through certifications from top cloud providers.

CERTIFICATIONS

- **GCP Certified Professional Machine Learning Engineer** [Credential URL](#)
Google Cloud Platform (GCP)
- **Databricks Certified Machine Learning Professional** [Credential URL](#)
Databricks
- **AWS Certified Machine Learning – Specialty** [Credential URL](#)
Amazon Web Services (AWS)
- **Microsoft Certified: Azure AI Engineer Associate** [Credential URL](#)
Microsoft Azure
- **Microsoft Certified: Azure Data Scientist Associate** [Credential URL](#)
Microsoft Azure
- **AWS Certified Cloud Practitioner** [Credential URL](#)
Amazon Web Services (AWS)

WORKING EXPERIENCE

AI Engineer at Deloitte

Cairo, EGY

Managed by NSE Delivery Center

- Serving as an AI/ML/MLOps Engineer in the NSE Delivery Center (North & South of Europe).
- Working on planning, designing, and implementing impactful AI clients' projects.

SELECTED ENGAGEMENT PROJECTS

GenAI Tools, NEOM-The Line

- Played a key role in the design and implementation of the following tools:

- 1- Inquiry tool: Developed a RAG pipeline for an advanced chat-bot system that enables users to inquire about any information in the whole document library and receive accurate responses in different formats.
- 2- Compliance Check Tool: Developed a robust Compliance Check Tool catering specifically to managerial users for design submissions' compliance percentages against construction rules and regulations.

Google GenAI Conversational Commerce, Google Alliance

- Developed an AI-driven conversational agent as part of the broader 'Google GenAI Customer Service' initiative built with the Google Alliance, assisting in their shopping journey and providing personalized and contextually relevant information through interactive conversation with a focus on product discovery and recommendations.

AI Demodulator, Bachelor's Graduation Project in collaboration with EgSA

- Developed a neural network demodulator for strong solar turbulence channels, utilizing a parallel architecture of 1D-CNN and Bi-LSTM to extract input data's local features and temporal dynamic information. Achieved superior BER performance compared to classical Viterbi algorithm and single architecture models with a remarkable accuracy of 98.4%.

EDUCATION

Misr International University

Cairo, EGY

B.Eng. Electronics and Communication Engineering

- Class rank: 1st
- Cumulative GPA: 3.81/4.00
- Enrolled with a full-scholarship

STEM High School for Boys - 6th of October

6th of October, EGY

STEM High School Diploma

- Earned a full scholarship as a top-ranked candidate in the entering IQ examination among thousands nationwide.

SKILLS & INTERESTS

Python | C++ | TensorFlow | Keras | LLMs | PyTorch | SQL | Azure | NLP | Linux | Vector DB | CD/CI | Scikit learn | Chatbots | MLOps | NLU | Docker | GIT | Databricks | Dataiku | Spark | Agile | GCP | OCI | LlamaIndex | RAG | AWS | Feature Store | Mlflow | Deltalake | LangChain | Agents | LangGraph | CoT | Ethical AI | Algorithms | LLMops | Prompt Engineering |