Curriculum Vitae

PERSONAL INFORMATION

Beshoy Gamal Labeb

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Date of birth 1 Jul 1990 | Nationality Egyptian

PERSONAL STATEMENT

- Cloud Bigdata Engineer / Machine Learning Certified with 9+ years of experience implementing data-driven solutions to increase efficiency of business decisions.
- Continuous Exploring continuous Driving the innovation by Modern Data Cloud Architecture: **Streaming Analytics**, **Lakehouse**, **Data Fabric, Data Mesh**
- High Experienced at Machine Learning, and advanced in full BigData stack, **DevOps & DataOps** and Automation to implement action-oriented solutions to reach the Business Agility.

WORK EXPERIENCE

01/06/2022–Present

Big Data / Machine Learning Senior Cloud Solution Architect – Full Time
Vodafone Intelligent Solutions (VOIS)

- Driving the innovation for implementing and automating Cloud Data Driven Solutions Architecting within **Scaled Agile Framework (SAFe)**
- Changing management to the **Data Mesh** Architecture with **Data Product** and **Self Service** analytics mindset including:
  Data Catalog, Data Lineage, Data Quality, Data Profiling and Business Glossary
- Managing the leading edge of business agility, and modern data automation of **DataOps, MLOps**, with applying Build-In Quality technology
  - **Time to market:, Increase by 45 %**
  - **Build-In Quality: Increase by 75 %**
  - **Decrease Failure Rate, Recovery from Failure: 60%**

01/06/2020–01/06/2022

Big Data / Machine Learning Lead & Solution Delivery Manager – Full Time
EJADA Systems

- Leading data lake team, to design, prototype, and build data solutions:
  Machine Learning, Big Data, Data Integration, and **CDC Realtime Streaming Analytics**.
  - **Increase the Self-Service ROI for Ministry of Finance KSA by 80%,**
  - **Realtime integration with 10 Gov Entities throw 40 micro service.**
- Managing BigData & Data Virtualization Product leads and delivering
  - **Wining to signoff 5 projects for 3 Banks & 2 Gov entities**

01/06/2020–01/12/2020

Big Data & Machine Learning Professional - Part Time Internship
Amazon Web Service (AWS)

- Work on the algorithms that are used in adaptive systems across Amazon. They build methods for predicting product suggestions (recommendations) and product demand (forecasting), and explore Big Data to automatically extract patterns (large-scale machine learning and pattern recognition) with Cloud **Realtime Streaming Analytics**
- **Implementing 8 use cases in 6 months in different knowledge areas including ML, BigData & Automation with record of achievement.**

01/09/2016–01/06/2020

Senior Machine Learning / Data Science Consultant - Full Time
EOH

- Partner with business leaders across the organization to assess business needs and define analytical strategy including analytical approaches, data and technology requirements
- **Delivering 8 Project in 5 Countries in cross industries included: Retail, Commerce, Finance, Insurance, and Manufacturing, 3 of them Recognized from SAP as high success business transformation.**
  - **UAE Sharja Municipality, Increase the tractability by 60%**

- **KSA Herfy, accelerate respond to market by deliver AI POS for 300 Salesmen**
- **Egypt Hero Egales, Achieve MRP (material requirement planning) by 45%**

01/05/2016–01/09/2016	**SAP Data Analytics Consultant - Full Time** **Agile-ABS**

- Deliver complete end to end Business analytics reports adapting to Business requirements, throw SAP Technologies:

SAP Business warehouse (BW) / SAP BI/Cloud Analytics

Analyse data requirements and translated these requirements into dimensional data models using star-schema and extended star-schema data modelling techniques.

01/01/2013–01/08/2015	**Founder & Business Development** **I Can See**

"I Can See" It's a start-up for Assistive technology to disable people overcome their disabilities throw mobility solution.

The company had been recognized from Ministry of Communication in Egypt and International Telecom Union .

01/06/2013–01/04/2014	**BI & Data Analytics developer** **Acumatica**

- Design, Development and testing of enterprise applications extensions and interfaces. Ability to write maintainable application code which effectively and efficiently implements business requirements in Agile software development life cycle
- Develop custom Reports and Dashboards for Procurement, Sales, Finance, and HR.

EDUCATION AND TRAINING

01/09/2008–01/06/2013	**Bachelors of Computer Engineering** **Zagazig University**	EQF level 3

01/09/2015–01/06/2016	**Pre-Master (ITI Diploma) in Machine Learning and Analytics** **Institute of Information Technology (ITI)**	EQF level 1

Technical Professional Pre-Master in 10-Month Program Diploma

PERSONAL SKILLS

Mother tongue(s)	Arabic, English (Fluent)

Job-Related Skills

AWS (Amazon Web Services)
- **BigData & Data Warehousing (*S3, Redshift, EMR*)**
- **Machine Learning (*SageMaker, Comprehend, Polly, Rekognition, Lex*)**
- **Streaming (*Kineses, Firehouse, CloudWatch*)**
- **Analytics (*Athena, Glue, QuickSight*)**
- **Developments & Compute (*EC2, ECS, Fargate, Lambda, IoT Greengrass*)**
- **Databases (*Aurora, RDS, DynamoDB*)**

GCP (Google Cloud Platform)
- **BigData & Data Warehousing (*BigQuery, BigTable, Composer, DataPlex, GCS*)**
- **Streaming (*PUB/SUB, Kafka, Confluent*)**
- **Analytics (*DataProc, DataFlow, Cloud Fusion*)**
- **Developments & Compute (*Kubernetes, Cloud Build, Cloud Function*)**

Azure Cloud

- **Azure Data Factory.**
- **Azure Databricks.**
- **Azure Stream Analytics.**
- **Azure Synapse Analytics.**
- **Azure Data Lake Storage.**

Big Data

- **Data processing (Spark/ PySpark)**
- **Data Warehousing (Hive, Impala, HUE, Parquet, ORC, Avro, KUDU)**
- **Data Streaming (Kafka, Flume & Storm)**
- **Orchestration & Scheduling (AirFlow)**
- **NoSQL (HBase, MongoDB)**

DevOps & DataOps

- **Docker** & **Kubernetes**
- **Terraform & Ansible**
- **Jenkins & CICD**
- **MLOPS**
  - **Google Kubeflow, Vertex AI**
  - **AWS SageMaker**

Machine Learning & Deep Learning

- **Linear/ Logistic Regression**
- **Classification, SVMs**, **K-Means**, **Decision Trees**
- **Market Basket Analysis, Recommendation Systems**
- **Time Series Analytics**
- **Classifications & Anomaly Detections**
- **Artificial Neural Networks, TensorFlow, Keras, Pytorch**
- **Computer Vision**
  - **OpenCV** & **Image Classifications**
  - **Object Detections & Recognitions**
  - **OCR (Multi Language)**
- **Natural Language Processing**
  - **Deep Learning Text Mining**
  - **Sentiment Analysis & Social Media Analysis**
  - **Chatbots**

Communication skills	**Activity**
	- Volunteer in IEEE, SIFE
	Personal skills
	- Team working, Leadership, Innovation and Problem Solving
	Organisational / managerial skills
	- Design Business Model.
	- Project Management.
	- Entrepreneurship.
	- Design Thinking.

Courses & Certificates

- Denodo: Data Virtualization Solution Architect
- AWS: Machine Learning – Specialty
- SAFe: Scaled Agile Practitioner