

# Mohammad Mubaslat

Software Engineer

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Dedicated and versatile software engineer with a proven track record in architecting, developing, and implementing robust software solutions. Strong in Analytic Problem-Solving skills and proficient in a wide range of programming languages and technologies, including Python, Java, C++, Linux, AWS, and GCP.

## Work Experience

### Data Engineer - ASAL Technologies

Feb 2023 – Dec 2023

- Proficient in end-to-end data engineering solutions: data ingestion, transformation, storage, and analysis.
- Good in ETL processes: cleansing, transforming, and integrating diverse data sources.
- Strong knowledge of ETL, Linux, Data warehousing, Google Cloud Storage (GCS), Google Compute Engine (GCE) storage systems, BigQuery, CLI, S3, Redshift, Lambda, Athena, Glue, Hadoop, Spark, and Python.
- Knowledge in Airflow for workflow automation with intermediate Databricks and Spark experience.
- Passionate about Big Data architectural design, with project implementation and quality review experience.

### Flutter Developer - GIZ Palestine

Jan 2022 – Aug 2022

- Developing Kahrabaii application to solve the electricity problem in a city in the state of Palestine. It was completed under the supervision of the German Cooperation Organization (GIZ).

## Education

### Bachelor's Degree in Computer Engineering - An-Najah National University

Aug 2018 – Dec 2022

## Projects

- **Sales Data Processing PySpark and Databricks** Sept 2023  
Analyze and visualize sales data from two files using PySpark and Databricks, generating insightful visualizations for better understanding and decision-making.
- **Google Play Data Processing** Aug 2023  
PySpark with Databricks to process csv data and convert it to helpful insights.
- **Peta Scale Architecture Project** Jul 2023  
Designed a data architecture for processing 1PB of weather sensor data, leveraging GCP's BigQuery for analytics, Apache Airflow for orchestration.
- **ETL Data Pipeline Implementation with AWS - Sales Dataset** Jun 2023  
Services (AWS S3 · Apache Spark · AWS Glue · Amazon Athena)
- **Serverless Data Pipeline on AWS** May 2023  
Designed and executed a serverless data pipeline on Amazon Web Services (AWS) using Lambda.

## Skills and Others

**Technical Skills:** Python, Django REST, OOP, Data Structures and Algorithms, Databases Design, Data Warehousing, ETL, Real-Time Data Processing, Proficiency in SQL, MySQL, Java, Amazon Web Services (AWS), Google Cloud Platform (GCP), Linux OS, Git, Docker, Kafka Knowledge, Airflow, Spark, Databricks, and Hadoop.

**Languages:** Arabic (Native), English (Fluent)

**Certifications & Training:** Think Like a Programmer, IEEEExtreme 15.0, Soliya's Connect Program, Google Hashcode Accomplishment, Hacktoberfest, IEEEExtreme 16.0, Data Engineering using AWS Data Analysis.

**Awards:** Firefox dark funnel campaign: 1st Winner at An-Najah National University, WSA National Nominee 2022: One of the top 20 out of 500 smart digital solutions worldwide in UN.