


# HASSAN ELSEUDY

## Software Engineer (Backend & Data)

 Hassan-Elseoudy

 hassan.elseoudy@gmail.com

 hassanel-seoudy

 +4917684883675

 Berlin, Germany

## EXPERIENCE

### Mid Level Software Engineer

#### Zalando


 Sep 2022 – Present

 Berlin, Germany

- Responsible for handling the supplier portal, which is a B2B web based application to create and monitor shipping notices.
- Participated in developing initiatives/micro-services to serve as a basis for the capacity planning, error handling and forecasting for each warehouse (inbound processing).
- Provided the required information for the receipt and valuation of the delivered articles.
- Java** **Kotlin** **Spring Boot** **CI/CD Internal Tools**  
**Event Driven Architecture**

### Java Engineer

#### DHL Freight Enterprise

 Oct 2021 – May 2022

 Sofia, Bulgaria (Remote from Egypt)

- Worked on Transport Management System (TMS) which oversees customers' whole transport operation and allows them to use DHL's network regionally or nationally depending on their needs.
- Finished business training to fully understand transport and logistics domain.
- Was able to work on our Internal frameworks and Implemented Fully functional application during technical assessments.
- Java** **Hibernate** **WexVs Designer/Client (Internal Frameworks)**

### Software Engineer (Back-end/Data Analytics)

#### Rubikal

 Jan 2021 – Jun 2022

 Alexandria, Egypt

- Used Rails/Spring Frameworks to implement new MVPs.
- Deployed Serverless functions using AWS Lambda.
- Worked directly with Transit Feed (GTFS), a data specification that allows public transit agency (Mowasalat Misr) to publish their transit data.
- Created visualizations using Tableau and Metabase, presented findings in a clean and informative way.
- Analyzed data of millions of students and extracted useful insights for clients.
- Spring** **Rails** **SQL** **Python** **Snowflake** **AWS** **Metabase**  
**dbt** **Tableau** **Jira**

### Software Engineer

#### Sia

 Apr 2020 – Dec 2020

 Cairo, Egypt

- As a Backend Engineer, I created +7 services such as **gamification**, **notifications** and **educational content** using **Micro-services** architecture within a startup of 10 people.
- As a Mobile Engineer, I architected the layers which were used by mobile engineers, which enhanced the testing and development processes using MVVM.
- Spring Boot** **Angular** **AWS** **Docker** **Jenkins** **Kotlin** **Jira**

## ACHIEVEMENTS



#### Finalist

Coached team to ICPC. (Moscow, Russia) - Sep 2021



#### 15th

Google Hash Code (Egypt) - Feb 2020



#### x2

Employer of the month (SIA).



#### 8/25

MATE International competition. Tennessee, USA - Jun 2019

## SKILLS

### Programming

- + 10000 lines **Java** **Python**  
**TypeScript** **C/C++**
- + 1000 lines **Ruby** **SQL** **Kotlin**  
**Dart** **MATLAB**
- Familiar **Assembly** **Arduino**

### Frameworks and Tools

- Spring** **Django** **Node.JS** **Rails**
- Kafka** **MongoDB** **Celery**
- PostgreSQL** **Tableau** **Swagger**
- Mockito** **Angular** **React.JS** **AWS**
- Azure** **Docker** **Git** **Linux** **Qt**
- Jira** **Flutter**


### Soft skills

- Active listening & Strategic Decisions
- Time management
- Leadership & Teamwork
- Positivity

## EDUCATION

### B.Sc

**Computer & Communication Engineering.**  
**CGPA 3.33**

 09/2015 – 06/2020  Alexandria University

## PART-TIME / INTERNS

### Software Engineer

#### Cynopsis Solutions

📅 Oct 2021 – Present 📍 Remote

- Responsible for building real-time transaction monitoring tool that screens and identifies patterns among transactions.
- Enhanced the performance for Inserting and processing transactions by 300%
- Re-factored Legacy code, Implemented multiple design patterns matching the current needs in the project.
- Django** **Django REST Framework** **AWS** **Python** **Celery** **TimeScaleDB** **Postgres**

### Cloud Native Engineer (Part time)

#### Cassbana

📅 Oct 2020 – Feb 2021 📍 Cairo, Egypt

- As a Cloud Native Engineer, I was responsible to have our infrastructure deployed using Serverless architecture.
- As a Cloud Native Engineer, I was responsible to convert PHP laravel legacy code, Into Azure Functions, using Entity Framework.
- Entity Framework** **Azure Functions** **CosmosDB** **Laravel** **Gitlab Pipelines**

### Software Engineer (Undergraduate)

#### Robo-Tech

📅 Aug 2018 – April 2020 📍 Alexandria, Egypt

- Arranged a stable communication system for the Remotely Operated Vehicles with less than 0.01% packet loss, and launched 2 prototypes.
- C++** **Qt** **C#** **Open CV**

### iGreeter

#### Undergraduate Final Project (A+)

📅 Sep 2019 – Jun 2020 📍 Alexandria, Egypt

- developed with a team of 4 people iGreeter which is a 3 module application that helps customers to navigate in malls using indoor localization technique, plan shopping day and search for the needed items in the mall..
- Enabled 2 services for mall owners: registering shop owners and creating shop contracts) also the shop owner can maintain and update shop's info and offers.
- TypeScript** **Node.js** **React** **Kotlin**

### MRNet Classification

#### Undergraduate Project (A+)

📅 May 2019 – Jun 2019 📍 Alexandria, Egypt

- Trained CNN Models and illustrated how different views help in MRI classification into 3 categories and achieved +70% accuracy.
- Python** **Pandas** **Keras**

## OPEN SOURCE CONTRIBUTIONS

- FasterXML -> #2889 Added docs on using Builder pattern
- TheAlgorithms -> #1218 Illustrated Simple Substitution
- yGuard -> #92 Solved +200 Warnings and Errors.
- cds -> #29 Redesigned roles in the chatbot

## SUMMARY

*" I do coding for life as I enjoy it, not only during work, self-motivated, adaptive with different technologies and always interested in exploring new tools."*

## LANGUAGES

Arabic  
English  
French



## INTERESTS

Back-end engineering  
Data Engineering  
Competitive Programming

## ONLINE COURSES

Building Server-less Applications  
Getting Started with Google Kubernetes  
Data Science Professional Certificate  
Deep Learning Specialization  
Angular JavaScript Frameworks  
Agile with Atlassian Jira

## VOLUNTEERING

### Chairman

#### Alexandria ACM Student Chapter

📅 Oct 2018 – 2020 📍 Alexandria, EG

- Organized +30 events to help undergraduates to learn about recent technologies and sessions about Algorithms & Data structures.