

HASSAN ELSEUDY

Software Engineer (Backend & Data)

📍 Hassan-Elseoudy

✉ hassan.elseoudy@gmail.com

🌐 hassanel-seoudy

☎ +201550113982

📍 Alexandria, Egypt

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.