Hassan Elseoudy

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Github | LinkedIn | Portfolio

EDUCATION

ALEXANDRIA UNIVERSITY
B.Sc in Computer and Communication Engineering
August 2020 | Alexandria, Egypt
CGPA: **3.33**

SKILLS

PROGRAMMING
+ 10000 lines:
Java • C/C++ • Python • Type Script
+ 1000 lines:
Ruby • SQL • Kotlin • Dart
HTML • CSS • MATLAB
Familiar:
Assembly • Arduino

FRAMEWORKS AND TOOLS
Spring • Django • Node.JS • Rails
MongoDB • Swagger • Mockito
Angular • React.JS
AWS • Azure • Docker
Git • Qt • Jira • Flutter

SOFT SKILLS
Active listening • Time management
Positivity • Teamwork • Leadership

INTERESTS

Backend engineering
Data Engineering
Competitive Programming

ONLINE COURSES

Building Serverless Applications
AWS Fundamentals
Getting Started with Google Kubernetes
Google Cloud
Data Science Professional Certificate
IBM
Deep Learning Specialization
Deeplearning.ai
Angular JavaScript Frameworks
Hong Kong University
Agile with Atlassian Jira
Atlassian

EXPERIENCE

RUBIKAL | Software Engineer (Back-end/Data Analytics)
January 2021 – Present | Alexandria, Egypt
- Used Rails/Spring Frameworks to implement new features.
- 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.
- **Used Technologies**: [**Spring (Java), Rails (Ruby), SQL, Python, Snowflake**]

CASSBANA | Cloud Native Engineer (Part time)
October 2020 – February 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.
- **Used Technologies**: [**Entity Framework, Azure Functions, CosmosDB**]

SIA | Software Engineer
April 2020 – December 2020 | Cairo, Egypt
- Created **+7** services such as **gamification**, **notifications** and **educational content** using **Micro-services** architecture with a startup of **10** people.
- **Used Technologies**: [**Spring Boot, Angular, Docker**]

ROBO-TECH | Software Engineer (Undergraduate)
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.
- **Used Technologies**: [**C++, Qt, C#, Open CV**]

AWARDS

Year	Result	Description
2021	Employer of the month	2x Software Engineer to (SIA).
2020	Finalist	Coached IGN team to ICPC competition.
2020	15/130 over Egypt	Google Hash Code
2019	8/25	MATE International competition, USA
2019	2nd place	MATE Regional competition 2019, EGYPT
2018	2nd/30	Google Code Qualification Round, Alexandria, Egypt
2018	FINALIST	Egyptian Collegiate Programming Contest

OPEN SOURCE CONTRIBUTIONS

FasterXML	#2889 Added docs on using Builder pattern
TheAlgorithms	#1216 #1218 Illustrated Simple Substitution Cipher Algorithm
yGuard	#92 Solved +200 Warnings and Errors.
cds	#29 Redesigned roles in the chatbot