

Ahmed Reda Said

Software Engineer

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SUMMARY

I am a proactive Software Engineer with experience in Python and web development using React JS. I have hands-on experience in cloud computing, virtualization, and DevOps concepts, along with a solid foundation in data structures and algorithms. With problem-solving mindset, I have contributed to various projects and internships, showcasing my technical and collaborative abilities.

PROFESSIONAL EXPERIENCE

- Administrative Co-ordinator**, *Aboushady Collection Firm* Aug 2023
Working with banks' files, attachments and emails. writing DCR excel sheets and coordinating with supervisors and collectors. Maadi, Egypt
- Software Engineering Internship**, *ALX Africa* 📄 2022
Working on Sprints & developing C, Python, JavaScript and React programs. Cairo, Egypt
- Cloud Computing Internship**, *NTI* 📄 Jun 2022 – Aug 2022
Working on Cloud and Virtualization Concepts, Hypervisor, Data Center & The Virtual Data Center, and VMware Virtualization Solutions. Online and In-Office, 6th of October, Giza
- Web Development Internship**, *The Sparks Foundation* 📄 2021 – 2022
Created and developed dynamic websites, worked on, Deployed, and maintained websites on AWS, perform testing methodologies and worked on C#, MySQL, Java. Online

PROJECTS

- Instagram Clone Project Using C# and MVC Design Pattern**, *Web Application* 📄
Using MVC and asp.net to implement methods of: user registration and authentication, post creation, profile management, search, follow and unfollow, likes and comments.
- Voice Recognition Project Using TensorFlow, Pandas and NumPy**, *Desktop App* 📄
Using Python for Speech-to-Text Technology. I used MFCC algorithm to validate that system will whether recognize your voice depending on the accuracy of the algorithm applied or not.
- Maze Solver Project Using Java and GUI**, *Desktop App* 📄
Using Java and Backtracking Algorithm. I implemented Depth-First, Breadth-First, and A-Star techniques.
- Information Retrieval and Web Search Using Pandas and NumPy**, *Desktop App* 📄
Using Python for Data Retrieval and Processing. I used TF-IDF algorithm for tokenization and analysis.
- Bus Safety Data Warehouse**, *SSIS, Alteryx* 📄
Star schema app with fact table and 2 dimension tables describing the bus safety dataset.
- Business Intelligence Analytical Report System Using Power BI**, *SSIS* 📄
Using SSIS i executed a MIS program to apply ETL on a real company dataset, and generate reports in Power BI.
- Linux directories Controller Using C Language**, *Directory Manager Program* 📄
Using Virtual Box as a Virtual Machine - I implemented Linux file/directory methods: list, create, delete and rename.

TECHNICAL SKILLS

Programming

Python, Java, C

Cloud Computing and DevOps

Linux, Virtualization, Hypervisor, AWS

Web Development

HTML, CSS, JavaScript, React JS

Computer Science

Data Structure, Algorithms, Database, OOP, OS

Version Control

Git and GitHub

Technologies

SQL Server, Power BI, Agile, UMLs

EDUCATION

Bachelor's Degree in Information System, Helwan University,

Faculty of Computer Science and Artificial Intelligence ☑

Sep 2019

Helwan, Egypt

Graduation project: ERP system – My role was to develop the **CRM** module ☑

GPA = 3.31 / 4

High School's Degree, Othman Ibn Affan

Graduated with an Excellent grade.

Sep 2016 – Jun 2019

15 May city, Egypt

CERTIFICATES

Scrum Foundation Professional Certificate - SFPC™ ☑

Entry-level knowledge in Scrum.

WHM Administration

Certification Exam (CWA) ☑

cPanel and WHM Proficiency

Huawei Certified ICT Associate (HCIA) ☑

Entry-level in Huawei certificates.

COURSES

Cloud and TCP/IP Pre-Requisite Knowledge, Dolfined

Learned Networking basics, Terminologies and OSI model within layers.

May 2022

Online

Cloud DevOps Engineer, Udacity ☑

Learned more about Infrastructure as Code (IAC), and CI/CD Pipelines.

May 2020

Online

Cloud Developer, Udacity ☑

Deployed a static website page on AWS.

May 2020

Online

LANGUAGES

Arabic

Native

English

Professional (B2)

German

Fundamental (A2)

SOFT SKILLS

Familiar with Problem-Solving Process

The four basic Steps: defining the problem, brainstorming, picking the solution, and implementing the solution.

Innovation and Leadership

Good Communication and presentation skills

Public Speaking, Coordination and Team-work

PERSONAL INFORMATION

Military Status: Postponed