

AHMAD ADEL AL-KILANY

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Experience

Incorta

Apr 2019 – Current

Senior Software Engineer (Cloud Platform Engineer / Full Stack Engineer)

Alexandria Branch, Egypt

- Led, designed and developed multiple enterprise-level microservices that increased the system scalability, decreased the system's cost by about 45% and drove thousands of revenue to the company utilizing Kubernetes, GCP's Cloud Runs and Cloud Functions and multiple languages including NodeJS, GO, Python and Bash Scripts.
- Led and developed multiple CI/CD automations that decreased our development and deployment time by about 30% utilizing the latest of technologies including Terraform and GCP's Cloud Builds and Cloud Functions.
- Developed and Implemented multiple scalable APIs and Scripts that improved a lot the experience and the performance of the system
- Helped the team in the development and deployment of numerous high-impact projects. Provided strategic direction, technical expertise, and project management in a lot of times.
- Actively mentored junior software engineers and new comers, fostering a culture of continuous learning and improvement. Provided guidance on coding practices, review processes, and the use of software engineering tools.
- Worked closely with QA engineers and PMs to ensure the delivery of high-quality projects. Supported the QA team in understanding technical aspects, facilitated bug tracking and resolution.
- Regularly conducted code reviews, knowledge sharing sessions, and technical presentations to enhance team understanding of software development principles and best practices.
- Advocated for and implemented improvements to team processes and workflows, resulting in increased efficiency and productivity.

Mid-Senior Software Engineer (Machine Learning Engineer)

- Developed a Recommender system that utilizes Spark and Python for the product that is utilized till now by large clients of the company.
- Introduced and Developed Machine Learning capabilities for both the product and the users introducing the ability to do Anomaly Detection on the data, Predictive Capabilities using Supervised or Unsupervised learning and the ability to train and create a model that can be saved and loaded to be used later, Feature selection, extraction and engineering to get the best training data for a model creation and Preprocessing capabilities on the data all by utilizing Python.

Badr for Information Technology

July 2017 – March 2019

Software Engineer (IOS Developer Engineer)

Alexandria, Egypt

- Developed 3 IOS Apps with the team, (Airlines APP, Cars E-Commerce App and An all-rounder E-commerce App) where each of them reached 100k+ downloads, utilizing Swift.

Software Engineer (Big Data Engineer)

- Developed multiple ETL scripts for large clients of the company utilizing both Spark, Python and SQL.
- Developed a system that transforms PL/SQL syntax to Spark syntax utilizing Java and OOP (Visitor Pattern).

Activity

Competitive Programming | Self Training

January 2013 - May 2017

- Competed in ACM AlexCPC and EgyptCPC.
- Solved around 800 problems in different online judges.

KSA School IOS App | Swift

January 2019

- Developed 3 school IOS apps (Parent app: Keep track of children's live locations and timetable, Student app: Keep track of school/courses timetable, and Admin app) (Free lancing Project).

Skills

- Cloud Computing / GCP (Goolge) / Azure / Kubernetes / MicorServices / Distributed Systems / CI/CD / Cloud Infrastructure Design — *(Professional Proficiency)*
- FullStack / Backend / Frontend / JavaScript / Node / React / Java / Go / Python — *(Professional Proficiency)*
- Machine Learning / Data Science / AI / MYSQL / Spark / Map Reduce / Hadoop / Pandas / Tensorflow / Scikit-Learn / Prophet — *(Good Proficiency)*
- App Development / IOS Development / Swift — *(Fair Proficiency)*
- OOP / Algorithms & Data Structures / Provlem Solving / C++ / C — *(Good Proficiency)*

Education

Alexandria University

Sep. 2012 – May 2017

BS in Computer and Systems Engineering (GPA: 3.1)

Alexandria, Egypt