

Seoul, South Korea.

Ali Moallim – Software Development Engineer

- 3+ years of experience as a software engineer in various industries.
- Full stack engineer with a concentration on scalable architectures, distributed computing, big data analytics, micro services, cloud infrastructures.
- Experienced on DevOps essential tools like, Docker, Kubernetes, GIT, and CI environments.
- Strong AI engineering background, with intensive PyTorch development skills.

Education

- **Kumoh National Institute of Technology Kit, Gumi, South Korea**
M.Sc. in ICT Convergence Engineering
Major in Real-time Systems
February 2017 – February 2019
- **Qassim University, Buraydah, Saudi Arabia**
B.S. in Electrical Engineering
Major in Communication and Electronics Engineering
September 2009 – January 2015

Experience

- **Hanwha Group, Seoul, South Korea**
August 2019 – Present
Data Engineer
 - Developing and integrating big data infrastructure with cloud micro-services.
 - Architecting cloud-native big data system based on Kubernetes.
 - Designed and implemented multiple recommender system algorithms.
 - Developed time-series data warehouse infrastructure.
- **Conception Co. Ltd., Gumi, South Korea**
February 2019 – August 2019
Software Development Engineer
 - Concerned in the research and development of Powder Bed Fusion (PBF) 3D slicing software.
 - Participated in the research and development of 3D printing slicing software.
 - Participated in the development of Powder Bed Fusion (PBF) control and monitoring system.
- **Electronics Special Equipment ESE Co., Jeddah, Saudi Arabia**
February 2015 – January 2017
Systems Engineer

- Architecting and Developing high scale, low latency Audiovisual streaming solutions e.g. (Extron, Crestron).
 - Participated in the management of various sensor devices and its cloud data synchronization.
 - Participated in the wave of government services digitalization by designing and building highly scalable cloud solutions.
- **Sawerly Startup Co., Jeddah, Saudi Arabia**
May 2015 – February 2016
 Graphics Designer (*Part-time*)
 - Designed company portfolio, website, booths, and marketing campaign ads.
 - Designed wireframes and mockups of company applications.
 - **Electronics Special Equipment ESE Co., Riyadh, Saudi Arabia**
January 2014 – August 2014
 Low-Current Systems Engineer (*Intern*)
 - Participated in the design and integration of access control system in Rafal Kempinski's tower.
 - Participated in the under-vehicles surveillance monitoring system in Rafal Kempinski's tower.
 - **Integrated Fiber Est., Buraydah, Saudi Arabia**
June 2013 – December 2013
 IT Engineer (*Intern*)
 - Extensive data center administration Linux Shell/Bash scripting.
 - Participated in the design of UI visualization of in-house data center's loggings.

Skills / Tools

- **Programing Languages:**
Python, Java, JavaScript, Golang and C++.
- **Web Technologies:**
Golang, NodeJS, NGINX, graphQL, NATS, and GRPC.
- **Data Management:**
Postgres, MongoDB, Cassandra, Redis, DynamoDB, and AWS S3.
- **Big Data / Cloud:**
Hadoop, RedShift, Spark, Elastic Stack, Docker, and Kubernetes.

Keywords

Big Data, Cloud native, Machine learning, Cloud infrastructure, IoT, Distributed computing, Micro-services.

Languages

- ***** Arabic

- ***** Somali
- ***** English
- ***- - Korean