AMIR RAHAFROUZ

Software Engineer

I am Amir! I like to learn new things. I enjoy coding in Go, Java. I am excited to work on challenging projects distributed systems.

SKILLS

Go	●●●●●
Java	●●●●●
Docker/K8S	●●●●○
Google Cloud Platform	●●●●○
Big Data	●●●●○

LANGUAGE

English	●●●●●
Persian	●●●●●
French	●●○○○
Swedish	●○○○○

WHERE TO FIND ME

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- 📞 +46 72 732 6162
- ✉️ rahafrouz@gmail.com
- github.com/rahafrouz
- in rahafrouz

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPER/ DATA ENGINEER
NETENT AB (Publ) - Stockholm, Sweden   *2019 - Now*

- Administration of Kafka clusters
- Contributions towards moving from on-prem setup to the cloud
- Development of ETL pipelines and APIs in Go/Java
- Automation of data integrity tests
- Providing data access via Apache Superset
- BigQuery, Bigtable, Firestore, Druid
- Experience with Devops/Gitops toolchains,

DVELOPER/ SYSTEM ADMIN
IT Center - IUT - Isfahan, Iran   *2013 - 2016*

- Responsible for designing, deploying and maintaining several software systems.
- Developed a system for nomination, approval, selection and result of election in the university for Student Unions.
- Supported and maintained the Linux Servers.
- Mentoring junior developers (2015-2016).

PROJECTS

EDGE COMPUTING / CONTAINERS
Lulea Univerity of Technology -Sweden   *2018 - 2019*

- Master thesis on orchestration of processes on Mobile-Edge environment.
- Setting up the FogFlow system as the infrastructure for the design and deployment of containerized processes on the edge of the network.
- Contributed to the FogFlow open-source community.

IOT & CLOUD COMPUTING
Lulea Univerity of Technology -Sweden   *2018 - 2019*

- Experience in development of IoT platforms using the FiWARE system.
- Experienced in working on AWS environment including EC, S3, CloudFront, AutoScaling, LoadBalancing, and MicroServices.

DISTRIBUTED PROGRAMMING
Lulea Univerity of Technology -Sweden   *2018 - 2019*

- Hands-on experience on design of a distributed system to simulate the human brain with approximately one million nodes using ZeroMQ and JAVA.
- Experience of development with JADE - a JAVA framework for developing Multi-Agent systems.

SOFTWARE ENGINEERING / UX
Lappeenranta University of Technology - Finland   *2018*

- Responsible as the Software Architect of the *SLIPPS* - an EU funded project.
- Developed front-end using ReactJS.
- Development of UX solution using an iterative methodology.

COMPUTER NETWORKING
Université de Lorraine - France   *2017*

- Experience on CISCO network routers and switches, and the Riverbed network simulator.

ACADEMIC BACKGROUND

ERASMUS MUNDUS JOINT MASTER'S DEGREE ON PERCCOM
Pervasive Computing and Communications for Sustainable Development
2017 - Now

MASTERS DEGREE IN PERVASIVE COMPUTING
Lulea University of Technology - Sweden

MASTERS DEGREE IN SOFTWARE ENGINEERING
Lappeenranta University of Technology - Finland

MASTERS DEGREE IN COMPLEX SYSTEMS ENGINEERING
University of Lorraine - France

BACHELOR'S DEGREE ON SOFTWARE ENGINEERING
Isfahan University of Technology - Iran
2011 - 2016