Kaveh Maynavi Mehr

Phone number: +98 0919 512 8192

Email: kavehmmehr@gmail.com

Location: Tehran, Iran

Linkedin: https://www.linkedin.com/in/kaveh-maynavi-mehr/

TECHNICAL SKILLS

- Java, Spring (Data, MVC, Security), Spring Boot, Spring Cloud, Keycloak
- Apache Kafka, Hazelcast
- SQL (Oracle), NoSQL (Redis, MongoDB)
- Docker, K8s
- BDD, TDD, DDD, Cucumber
- Maven, Git, Jfrog Artifactory, Jira, Swagger
- Software Engineering, SDLC
- Software Architecture (Architectural Styles, Monolith, Microkernel, SOA, Microservices, Event-Driven)
- Software Design (OO Design, Design Patterns), Database Design, Requirement Analysis
- Scrum, Kanban, RUP

PROFESSIONAL EXPERIENCES

Senior Java Engineer   **Tehran, Iran**
Central Bank of Iran – Shaparak Co.   *April 2022–Present*

- *MMS-GEN2 as new generation of E-Payment Regulatory System which is an event-driven microservice system to manage and control POS and IPG lifecycle to ease and facilitate financial transactions supervision and Fraud detection*
  - *Design architectural style alongside settle development environment*
  - *Suggest and refine road map to reanalyse functional and none-functional requirements*
  - *Lead developers to have satisfiable detail design and clean code*
  - *Design and code review*
  - *Develop architectural significant modules and classes*
  - *Use Spring (Data- MVC - Boot) as development framework. and Spring Cloud modules to simplify distribution common patterns implementation*
  - *Employ Apache Kafka as a clustered event streaming platform transfer biz events between microservices*
  - *Select Hazelcast as clustered cache server*
  - *Use and also customize Keycloak to resolve security concerns*
  - *Address having an ideal Automatic acceptance tests issue by using BDD*
  - *Customize using of BDD to adapt specification by example with local language*

- o *Realize containerization by Docker build fundamentals of having CI/CD*
- o *Use Oracle as SQL DB*
- o *Review Database Design*

Senior Java Engineer **Tehran, Iran**
Dec 2020–March 2022

Mahan Web

- PARAMETER is a management tool for large scale construction projects which is a microservice system to address flexibility against high rate of change in rules, processes and patterns and also cover customization in processes and calculations requirement.
    - o Design software architecture
    - o Mentoring Analysts to have reliable requirements gathering and analysis
    - o Review and refine detail design
    - o *Develop architectural significant modules and vital classes*
    - o Lead Back-End Developers to develop based on Spring framework (Data-MVC-Boot)
    - o *Customize Keycloak and Spring Security authentication-authorization server implementation to resolve security concerns*
    - o Use Oracle as SQL DB and MongoDB as No-SQL to realize CQRS
    - o Use Redis as in-memory cache

Java Engineer **Tehran, Iran**
Dec.2018–Nov. 2020

Rayan Hamafza (RHA)

RHA is a medium size SaaS for Tehran bourse brokerages and funds

- FUND Team is software producer and maintainer of services for bourse funds and individual users who are customers of bourse funds. There were no stable tools for project management and methodological task managements
    - o Improve agility of software production and maintenance by settlement Atlassian solution (Jira – Confluence and so on)
    - o Develop Plugin for Jira to ease customer interactions and reporting
- Revise Brokerage software.
    - o Revise External API consumption by converting from synchronous call to KAFKA based asynchronous
    - o Implement CQRS pattern to feed reporting system with live data

---

Java Engineer **Tehran, Iran**
Feb. 2016–Nov. 2018

3F Soft

- NIID Software improvement project

NIID is a large-scale software to gather and revise citizens personal and biometrical information.

Improvement phases were

- ➢ Reengineering card delivery sub-system
- ➢ Reproduce gathering personal information sub-system
- ➢ Reengineering gathering biometrical information sub-system
- ➢ Reengineering Request flow management sub-system
- ➢ Redesign Central DB

The final goal of this projects was populating personal and bio information of Iranians and prepare smart ID card to citizens.

- o Renew Architecture
- o Develop requirements gathering roadmap.
- o Mentoring analysis and development team to adapt BDD.
- o Redesign Central DB.
- o Analysis and design gathering personal information sub-system.
- o Analysis and design gathering biometrical information sub-system.
- o Analysis and design Request flow management sub-system
- o Take part in Refactor Request flow management sub-system from Java EE to Spring

Software Engineer   Tehran, Iran

Paradis Hesab   *March 2013–Jan. 2016*

- Reproducing MIS

The project was reengineering and refactoring the legacy MIS that have been developed in Clipper, the requirements was the same as legacy system but new efforts in analysis, design and implementation in new technologies were the goal. The legacy software was alive and customers data was their valuable wealth so data migration phases for every customer was the most important peak of success.

- o Gain the simplicity and efficiency by renewing architecture, analysis and design
- o Resolve team technical challenges
- o Lead development in Java EE
- o Lead data migration

Language

- **English:** Advanced
- **German:** A1
- **Persian:** Native

EDUCATION

ShamsiPour University, Tehran, Iran – B.Sc. - Computer Software
2002-2005

Bahonar University of Kerman, Kerman, Iran – Associate - Computer Software
1994-1997