



Mehdi Bizhani

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JOB APPLIED FOR

- Java Developer
- Distributed Cloud-based Software Engineer

WORK EXPERIENCE

05/2019–Present NICICO, Tehran (Iran)

- **Domain: Industrial ERP**
- **Title:** Senior Platform Developer & DevOps Engineer
- **Technologies:** Java 8, Spring Boot 2, Redis, Oracle DB, OAuth 2, Smart Client
- **DevOps:** GitLab CI/CD, Nexus, Nginx, Docker, Traefik, Docker Swarm, Portainer, Prometheus, Grafana

11/2018–05/2019 Maxsa, Tehran (Iran)

- **Domain: A startup for Online-Store-as-a-Service**
- **Title:** Technical Manager
- **Technologies:** Java 8, Spring Boot 2, Apache Kafka, MySQL, Redis, OAuth 2
- **DevOps:** Jenkins, Nexus, Nginx, Docker
- **Reactive Microservices**
 - “Kernel”, “Catalog”, “Order”, and “Payment” Microservices
 - “Database per Service” pattern and Apache Kafka for CDC
 - No REST calls between Microservices, only message passing as events
 - OAuth2 with JWT
- **“Thallo”** open source project

03/2008–09/2018 Fanap Holding, Tehran (Iran)

- **Domain: Industrial ERP** (05/2015 – 09/2018)
 - **Title:** Head of Data Management & Operation
 - **“Metis”** open source project for ERP
 - **“Ares”** open source project for operation
 - **Technologies:** Java, Wicket, Spring, Maven, Hibernate, Groovy, Tomcat, Oracle DB, OData
- **Domain: BI / DWH for Banking** (03/2012 – 05/2015)
 - **Title:** Technical Manager
 - ETL, BI, Customer Club, and AML projects
 - ETL processes to fetch data from main systems and store them in DWH
 - **Technologies:** Java, Wicket, Spring, Maven, Hibernate, Groovy, Tomcat, Oracle DB, Pentaho Mondrian
- **Domain: E-Payment Switch** (03/2008 – 03/2012)

- **Title:** Senior Java Developer
- E-Payment Switch Server + Java Web-based UI
- TMS (Terminal Management System) Server + Java Web-based UI
- **Technologies:** Java, Wicket, Hibernate, Groovy, Tomcat, Apache MINA, Oracle DB

EDUCATION AND TRAINING

09/2008–08/2010 **MSc in Information Technology Engineering**

K.N. Toosi University of Technology, Tehran (Iran)

- **Thesis:** Applying data mining algorithms for target marketing of POS devices based on their transactions and merchants information
- **Paper:** Bizhani, M., Tarokh, M.J., “Behavioral rules of bank’s point-of-sale for segment description and scoring prediction”, International Journal of Industrial Engineering Computations (IJIEC), Growing Science, 2011

09/1999–06/2004 **BSc in Software Engineering**

University of Tehran, Tehran (Iran)

TECHNICAL SKILLS

- Java 8, 7, 6, 5 - Lambda & Streams, Collection, Generics, Concurrency Package, Regular Expressions, Cryptography
- Microservice Architecture and Patterns
- Spring Platform
 - Spring Boot 2
 - Spring MVC
 - Spring Data
 - Spring Config Server
 - Spring AOP
 - Liquibase
 - JPA
 - Spring Security & OAuth 2
 - Swagger
- DevOps – GitLab, Jenkins, Nexus, Nginx, Docker, Maven, Docker Swarm, Traefik, Prometheus, Grafana
- Git, GitHub, Subversion
- Groovy, Groovy DSL, Groovy Template
- Code Generation – Maven Plugin + Groovy + JMeld
- Web App – Apache Wicket, Jetty, Apache Tomcat
- Async Web – Web Socket (Wicket), Server Sent Event (Spring MVC)
- Messaging – Apache Kafka
- SQL & Database – Oracle DB, MySQL, H2, HSQLDB
- Linux – Debian, Ubuntu, Oracle Linux, Shell Script
- NoSQL – Redis, ELK, Apache Spark
- BI, OLAP, Data Warehouse, Pentaho Mondrian, MDX, Jasper Report, Oracle BI
- Web – SASS, JQuery & Plugin, Easy UI, Smart Client, React
- Unit Testing
- Python, Scala 2, UML, C++, Rust
- Data Mining – IBM SPSS Modeller, Weka, R