

HANIYEH FATHOLAH

SOFTWARE ENGINEER

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SUMMARY

I am a software engineer with 5 years of work experience in medium-sized and large companies providing software solutions in the fields of intelligent transportation, fleet tracking, payment and insurance systems. Also, I am skilled in system analysis, design and backend development.

my expertise is developed applications and APIs using Java and NodeJS including their related frameworks, technologies and tools like different databases - SQL and NoSQL databases. In addition, experienced in developed services for IoT devices such as management and communication services.

EXPERIENCES

MAY 2021 – MAR 2022

JAVA DEVELOPER IN INSURANCE CORE INSURANCE, [DOTIN](#), TEHRAN

My roles in the company:

- Contributed to design and develop the system new service, legal insurance
- Designed and implemented legal insurance rest APIs
- Refactored 100% of the code for annual insurance branch performance report in order to increase reusability
- Refactored several financial features in order to improve performance and reusability
- Designed and implemented marketers reporting dashboard
- Improved WebSocket notification service memory consumption by tuning the configuration and refactoring the code

OCT 2016 - FEB 2021

R&D DEPARTMENT SOFTWARE ENGINEER, [MAGFA](#), TEHRAN

My roles in the company:

- Developed fleet tracking services for GPS tracking systems containing about 3000 online tracker devices
- Optimized performance by using multithreading and queuing
- Designed and implemented Rest APIs for fleet tracking applications and services
- Collaborated with Frontend team in order to upgrade frontend technologies
- Designed and developed a USSD Wrapper service for USSD based mobile payments

SEP 2016 – MAR 2020

SOFTWARE ENGINEER, [TOOBATECH](#), TEHRAN

My roles in the company:

- Technical lead of Toobatel Instant messaging system project for Alzahra university
- Designed and implemented 100% chatting system in Toobatel app
- Designed and implemented Toobatel bot engine in order to integrate student services
- Designed and implemented backend services based on customers' requirement

SKILLS

	Solid Understanding	Worked With	Familiar with Or Intrigued by
Programming languages	<ul style="list-style-type: none"> - Java - NodeJS 	<ul style="list-style-type: none"> - JavaScript - Python 	<ul style="list-style-type: none"> - Typescript
Development tools/frameworks	<ul style="list-style-type: none"> - Spring - Spring Boot - Hibernate - Express JS - JSF - Maven 	<ul style="list-style-type: none"> - JPA - Swagger 	<ul style="list-style-type: none"> - Gradle
Software engineering & methodologies	<ul style="list-style-type: none"> - OOP - Agile - Scrum - System design - Debug and Tshoot 	<ul style="list-style-type: none"> - Design Patterns - GIT - CI/CD - Unit Testing - DDD 	
Architecture	<ul style="list-style-type: none"> - Microservice - MVC 	<ul style="list-style-type: none"> - SOA 	
Web technologies	<ul style="list-style-type: none"> - RESTful APIs - SOAP Webservices - JSON - HTTP - JSP/Servlet - Socket programming 	<ul style="list-style-type: none"> - JWT - junit 	
IDEs and tools	<ul style="list-style-type: none"> - IntelliJ idea - Netbeans - Eclipse - Webstorm - Postman - iReport - SQL developer - argoUML 	<ul style="list-style-type: none"> - Docker - Apache tomcat - verneMQ - RabbitMQ - Apache webserver - Nginx - jConsole - jMeter 	<ul style="list-style-type: none"> - Kubernetes - Jenkins - Kafka - Ansible
Databases	<ul style="list-style-type: none"> - Oracle - MySQL - MongoDB - Redis 	<ul style="list-style-type: none"> - Neo4j - PostgreSQL - Cassandra 	
OS	<ul style="list-style-type: none"> - Windows - CentOS 	<ul style="list-style-type: none"> - Ubuntu 	
Project/Source control tools	<ul style="list-style-type: none"> - GitLab - BitBucket - Redmine - Jira 	<ul style="list-style-type: none"> - Trello 	

EDUCATION

2012 - 2016

**BACHELOR OF COMPUTER SOFTWARE ENGINEERING, [ALZAHRA UNIVERSITY](#),
TEHRAN**

Dissertation Title: “implementing IoT platform by customizing Openstack cloud computing Infrastructure APIs for collecting metrics from IoT nodes. “

CERTIFICATES

- **Oracle Database 12c administration**, LAITEC institute of Sharif University of Technology, Tehran
- **Java 8 Standard Edition**, LAITEC institute of Sharif University of Technology, Tehran

LANGUAGES

- **Persian:** Native
- **English:** Fluent (**TOEFL iBT** certificate – C2)
- **German:** Basic (taking in A2 level classes)