

# HANIYEH FATHOLAH

## SOFTWARE ENGINEER

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## SUMMARY

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I am a software engineer with more than 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 developing 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 developing services for IoT devices such as management and communication services.

## EXPERIENCES

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**MAY 2021 – MAR 2022**

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

My roles in the company:

- Designing and developing new functionalities for life insurance system
- Developing life insurance rest APIs
- Developing and support financial features
- Working on system optimization for high performances
- Cooperating with customers in order to achieve all SRS requirements and features

**OCT 2016 - FEB 2021**

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

My roles in the company:

- Designing and developing fleet tracking services for GPS tracking systems
- Designing and developing APIs for fleet tracking applications and services
- Collaborating with Frontend team
- Cooperating with hardware development team in order to design a new tracking protocol on top of TCP
- Designing and developing 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
- Designing and developing Toobatel app services such as gif and sticker services
- Integrating university services with Toobatel app
- Backend development for customized web applications such as polling and survey systems
- Developing services for other teams such as BI and AI teams

## SKILLS

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

## EDUCATION

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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

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- **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

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