



# Jalal Hosseini

## Backend Developer

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### PROFILE SUMMARY

I am a Software Engineer with solid experience and extensive knowledge of design, analyze and programming for developing and deploying wide range of software solutions. I have practical experience in various steps of software life cycle and many programming languages, frameworks and tools including OOP, Java, JavaEE, Hibernate, JavaScript, Spring, REST API, MySQL, PostgreSQL, MS-SQL, Apache Tomcat, Red Hat JBoss, Apache Maven, IntelliJ IDEA, UML, Design Patterns, Business Analysis, Security, Agile. My journey with software developments and IT infrastructure has started with developing business solution from C/C++/JSP and updated my skills set to Java EE and related frameworks and tools and technologies like Spring Boot, Docker and Kubernetes and recently I am engaged in Defi project.

### SKILLS

#### FRAMEWORK

- Practical experience in SDLC: (Software Development Life Cycle: RUP, Agile, DevOps)
- UML, Microservice Architecture, software requirements, communication with stakeholders and documentation

#### TECHNOLOGY

Programming Language and Tools	<ul style="list-style-type: none"><li>○ Java, JavaEE, Hibernate, Spring Framework, Spring Boot, Apache Tomcat, Apache Maven, Eclipse, IntelliJ IDEA, in addition experience with Micro service Architecture, Restful, Spring boot, Docker, Kubernetes</li><li>○ Familiar with Defi Concepts and Ethereum, Smart contract programming,</li></ul>
Database	Business experience in database design and software architecture (MS-SQL, MySQL, PostgreSQL), expert in ORM (Hibernate)
Technology Trends	Deep Knowledge in Artificial Intelligence (AI), Blockchain and Smart contract Programming Decentralized Exchange development (DEX), Hyperledger Blockchain

#### PERSONAL SKILLS

- Solid experience in divide and conquer strategy to solve problems and manage software programming
- Great attention to details as much as generic thinking

- Multitasking and time management

## Employment History

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FEB 2022 – CURRENT

### Senior Software Developer | Software Analyst

#### Self Employed

##### Key Responsibilities:

- Design and Deployed a Decentralized Exchange (DEX) Using fork UniSwap V2
- Deployed a Private Hyperledger Network for an Organization in order to manage Supply chain management (in Progress)

##### Achievements:

- Increased security and asset tracking in supply chain network

SEP 2019 – FEB 2022

### Senior Software Developer | Software Analyst

#### Monenco Iran Group Company

##### Key Responsibilities:

- Interviewed, Analyzed, modeled, and understood business requirements to develop software solutions
- Provided Solutions Architecture of the software including back-end, mobile app and AI modules
- Implemented of backend with a few Spring Microservice
- Integrated backend and mobile app & AI modules with web services

##### Achievements:

- Increased staff performance up to 30% by using tracking and monitoring software
- Increased company awareness of market up to 50% by using online data
- Sale distribution network is traceable by online monitoring up to 95%
- Verified data by artificial intelligence, instead of human supervisor (Decrease supervisor load work)

AUG 2014 – SEP 2019

### Senior Software Developer | Software consultant

#### MIR Company

##### Key Responsibilities:

- Designed and implemented of a Treasury System and an Inventory System (web based in Java EE),
- Designed and implemented a process for software evaluation in enterprise project with name of FAHAM: IRAN's Smart Metering Project: Is planned to replace conventional customer meters with Smart Meters to give consumers greater control over their energy use.

##### Achievements:

- Decreased software data interaction costs by developed an interoperability platform in FAHAM
- Increased data Cohesion and software adaptability up to 90% in FAHAM

- Developed a business dashboard, as a result, gave the front desk real-time visibility into inventory and procurement

JUN 2009 – AUG 2014

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## Software Developer

Monenco Iran Group Company

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### Key Responsibilities:

- Designed a software infrastructure to integrate JSP, Spring Framework, Spring security, hibernate in order to develop a set of web applications include contract management, General ledger, HRM system, inventory, office automation and document management.
- Created a user management and security service for Role based Authorization

### Achievements:

- Increased traceability of company revenue, expenses, and profitability with online reports
- Increased user stratification with implementation of Single sign on up to 100%
- Decreased data lost in company up to 95% by developed a document management system.
- Increased traceability of tasks and documents between internal and external stakeholders.

MAR 2008 – JUN 2009

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## Software Developer

System Group Company

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### Key Responsibilities:

- Designed, implemented, Tested and documented a web application in order to manage short message service (SMS) for organization, SMS panel.
- Designed database with MySQL.
- Wrote test cases for all developed use cases.

### Achievements:

- Improved speed and performance of software with using Java NIO, Non-Block technology up to 10 times

This document is abstract Version, further details (below) available on request

- Prior to 2008 employment history
- Training course
- Detail of Project description

## Education

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### B.Sc. Computer engineering – Hardware

SUT (Sharif University of Technology) - Tehran, Iran

Sep. 1996 – Apr. 2001