

AFSHIN AMINI

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mnafshin

Afshin



EXPERIENCE

Senior Software Engineer

Kuehne Nagel Co.

July 2020 – Ongoing

Hamburg

- Full Stack Development:
 - Designed and implemented a Web Application Dashboard processing data via RabbitMQ and Spring Batch.
 - Designing Functional and Technical Design in AsciiDoc and Enterprise Architect
 - Contributed to a large-scale application using Java, Spring, Hibernate, and Oracle DB, resolving reported KPI and non-KPI bugs
- Testing and Integration:
 - Conducted unit and integration testing for both backend and frontend using JUnit 5, SpringBootTest, Testcontainers, and Karma.
- CI/CD Management:
 - Managed CI/CD processes with tools like SonarQube, Jenkins, Docker, Terraform, and OpenShift.
- Agile Project Management:
 - Utilized JIRA for Kanban board management, task definition, and refinement.
- Version Control and Coaching:
 - Managed Git repositories and branches, provided coaching, and supported onboarding.

Software Engineer

Paderborn University, Data Science Group

April 2018 – June 2020

Paderborn

- Implemented a Search Engine for the meta-data of datasets:
 - Designed a specific Web UI with ReactJS and NextJS for better access of metadata of datasets.
 - Implemented respective Restful web services via Spring-boot, Apache Jena Fuseki, and Elastic Search.
 - Set up and configured Elastic Search Mapping to provide the optimal search capabilities.
- Designed and implemented a Data Pipeline:
 - Designed and implemented a microservice application that converts, purifies, and enriched the meta data
 - Designed and developed a micro service architecture application with Spring Cloud, Spring-boot, RabbitMQ, Apache Jena Fuseki, and Elastic Search in which it transforms data from heterogeneous sources into the specified homogeneous representation:
 - Worked on specifying an RDF (Resource Description Framework) vocabulary by re-using and extending standard vocabularies for homogeneous representation of data crawled from different data portals.

Software Engineer

Iran Argham

June 2016- March 2018

Tehran

- Designed and implemented a Service Gateway
 - Developed a service gateway via Spring-boot, Hibernate, Oracle DB, Java NIO, and JPOS to publish and consume web services that cooperates with the Switch and Core Banking.
- Designed and implemented an SMS Notification Service
 - Developed an SMS service to send messages to customers for specific transactions via Spring-boot and RabbitMQ.
- Maintained the legacy projects
 - Migrated the Internet Banking and the Internet Payment Gateway from Microsoft SQL 2000 to Oracle 11 which leads to around 50% performance improvement.
 - Migrated legacy bill payment service from C# to java spring that works by Oracle 11 and also automates most of the steps.

Freelancer Software Developer

Ideh Gostar Poyeshgar Company

2015-2016

Tehran

STRENGTHS

Team Player

Problem Solver

Java-Spring

SKILLS

Programming Languages

JAVA

TypeScript

Frameworks

Spring-boot

Spring Cloud

Spring Batch

Angular

Build Automation

Maven

Message Broker

RabbitMQ

Virtualization

Docker

Docker-compose

Open Shift

Database and ORM

Hibernate

RDBMS

ElasticSearch

Test Technologies

JUnit 5

SpringBootTest

Testcontainers

Karma

Project Management

Jira

Agile Development Frameworks

Scrum

Kanban

Version Control

GIT

CI/CD

Jenkins

Terraform

SonarQube

CERTIFICATES

Spring Certified Professional 2022 - VMWARE

ElasticSearch -Udemy

Java(Basic) - HackerRank

Problem Solving(Intermediate) - HackerRank

LPIC1 (101-102) Training,

passed the LPIC-101 exam (Score: 730/800)

- Designed and implemented a food ordering Kiosk frontend
 - A desktop applications for food ordering for the University of Tehran via C# WPF desktop, SOAP, Stimul-Report
 - It runs on a special restaurant's kiosk (Touchable monitor and also University Card input)
 - Lists the menu and prices for each user based on they role from the backend web service
 - Orders the selected foods and prints the receipt

Programming Teacher

Mofid High School and Salam Iran Zamin High school

📅 2011-2014

📍 Tehran

Teaching algorithm and programming to participate in IOI contests

EDUCATION

M.Sc. in Computer Science (GPA: 18.98/20) 1st Ranking Student

University of Tehran

📅 2011 - 2014

📍 Tehran

B.Sc. in Computer Science (GPA: 16.58/20) 3rd Ranking Student

University of Kerman

📅 2006 - 2011

📍 Kerman

AWARDS

GitHub Arctic Code Vault Contributor

2020 GitHub Archive Program

ACM/ICPC 5th, 10th, 6th rankings

of 2008, 2009, 2010 Asia Region, Tehran Site

LANGUAGES

English

German

Persian (native)



HOBBIES

Bike

Book

Chess

Movie