Yaldasadat Yarandi

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ABOUT ME

Skilled Java Back-End Developer with a strong academic background from top universities. Expertise in developing scalable, efficient back-end systems using Spring Boot, microservices, and REST APIs. Eager to contribute to a forward-thinking team, I am poised to leverage my technical expertise and collaborative spirit in a challenging environment.

WORK EXPERIENCE

Back-End Developer
Iran Tourism Information Technology [04/2020 – 03/2023]

- **Developed RESTful APIs** for web-based platforms using **Java** and **Spring**.
- Implemented **JWT authentication** and **WebSocket communication** for secure, real-time interactions.
- Worked with **microservices architecture**, utilizing **gRPC** for inter-service communication.
- Managed temporary **front-end development tasks**, using technologies like React Js.
- Employed **Java 11**, **Spring Boot**, **Git**, **Maven**, and the **ELK Stack** for backend development.

Software Engineer Intern
Rahnema Co. [06/2019 – 09/2019]

- Contributed to a mobile auction application's back-end using **Java** and **Spring Boot**.
- Designed and implemented **RESTful APIs**, enhancing application functionality.
- Participated in code reviews, pair programming, and agile methodologies.
- Learned software **design patterns** and principles.
- Attended workshops on **teamwork**, **project management**, and **workplace ethics**.

Back-End Developer Intern
Bisphone Co. [09/2018 – 11/2018]

- Gained foundational knowledge in **web services** and software implementation using **Scala**.
- Learned about **web protocols**, **microservices**, **protocol buffers**, and **Git**.

EDUCATION AND TRAINING

Master of Information Technology
University of Tehran (Rank first in Best Global Universities in Iran) [2021 – 03/2024]

Thesis: Video Subtitle Translation System Using Deep Neural Network

Bachelor of Science in Computer Engineering
Shahid Beheshti University [2017 – 2021]

Thesis: Identification Verbal Multiword Expression in Persian Documents

DIGITAL SKILLS

Programming Languages
Java (Spring Boot, Hibernate) / Python / SQL

Frameworks & Technologies
Spring Framework (including Spring MVC, Spring Security) / Microservices Architecture / RESTful API Development

Testing & Deployment
JUnit (for unit testing) / Jenkins (for continuous integration) / AWS (cloud services)

Other Skills

Linux(Ubuntu) / Slurm Script / Database Technologies (MongoDB, MySQL and Oracle Database) / Machine Learning and Deep Learning Algorithms / Experienced in Design of Algorithm | Data Structures / Basic knowledge of Front-end Technologies (HTML, CSS, JavaScript, React and Angular)

LANGUAGE SKILLS

Mother tongue(s): **Persian**

Other language(s): **English (IELTS 7 certificate)** | **German (A1 ÖSD certificate)**

PROJECTS

Deep Learning for Verbal Multi-Word Expression Detection in Persian Documents

[2021]

I implemented deep learning models, including Keras, Transformer, and BERT, to accurately detect verbal Multi-Word Expressions (MWEs) in Persian documents. This work advances Persian language processing and enables more precise natural language understanding applications.

Link: https://aclanthology.org/2023.mwe-1.5.pdf

Java-Like Language Compiler

[2019]

Developed a compiler for a Java-like language, using Java ASM and JFlex to convert source code into bytecode. This project emphasized the bridge between high-level programming and low-level bytecode operations.

Auction Application - Server-Side

[2019]

Developed the server infrastructure for an auction application using Java/Spring Boot. Integrated JWT, Maven, MySQL, and Websocket for secure, real-time bidding. Employed Nginx for enhanced performance and security, demonstrating skills in both application and server management.

Minimal Chat Platform

[2018]

Created a Java-based desktop chat platform using socket programming and Java IO. Focused on real-time communication with a minimalist design, utilizing JavaFX and CSS for the user interface.

HONOURS AND AWARDS

Granted admission from Talented Student Office of University of Tehran for graduate study.

Ranked 8th in JavaCup Professional Developer

Ranked 8th in JavaCup Professional Developer which focused on Java, Java 9, and Java EE

Ranked 4th in RoboCup IranOpen

Junior demo open challenge of high school students

RESEARCH EXPERIENCES

Join collaboration on PARSEME

[01/2022 – Current]

Under supervision of Professor Mehrnoush Shamsfard, NLP lab, **Shahid Beheshti University, Iran** - Professor Carlos Ramisch, LIS-TALEP Laboratoire, **Aix-Marseille University, France** - Professor Agata Savary, LISN Laboratoire, **Universit́e Paris-Saclay, France**

HOBBIES AND INTERESTS

Piano, painting (watercolor) and reading psychology books