

MANSOOR HASANI

Back-end developer

@ hasani.iut6@gmail.com



EXPERIENCE

Backend Developer

Social Friends

📅 04/2024 📍 Remote/Germany

The startup "Social Friends" is developing a social network where users connect based on trust and familiarity.

- Java backend developer using **Spring Boot framework** in the paradigm of **reactive programming**
- Utilizing **gRPC** for inter-service communication, achieving up to 30% faster response times and reducing latency compared to regular REST APIs
- I managed application version control using **Git** and ensured database version control with **Flyway**
- Employing **Docker** for efficient containerization of applications and streamlined deployment processes
- Developed **JUnit tests** to automate unit testing and improve code quality
- Utilized **OpenAPI** to document RESTful API endpoints, enhancing API transparency and maintainability
- **Implemented a notification system using Apache Kafka and Firebase Cloud Messaging**, enabling efficient and scalable real-time message processing across services

Backend Developer

ISimorgh

📅 05/2023

ISimorgh is a software development company that develops various types of software. Additionally, it offers its own products, such as smart home and smart office software solutions.

- Expertise in Java backend development using the Spring Boot framework
- Leveraged **JDBC** and **Hibernate** for seamless database communication
- Adjusting responses to requests based on user roles, which encompassed 3 distinct roles within our application
- Experience in managing and deploying systems to production environments
- Ability to oversee and implement technical team tasks and fulfill company management requirements

CEO and CO-FOUNDER

MySmartGene

📅 01/2019 - 09/2022

🌐 <https://mysmartgene.com/>

MySmartGene is a startup that combines genetics, machine learning, and cognitive science to analyze individuals' talents using genetic and cognitive data.

- A pioneer in product market development, MySmartGene achieved significant success by selling 1000 samples within the first 3 years, with customer satisfaction exceeding 80%
- Launched and led a startup, growing it to a team of 15 members by independently spearheading operations
- Creativity: Capacity to propose and implement innovative and creative ideas
- Analytical skills: Ability to analyze and examine information and data to enhance business processes
- Decision-making: Proficiency in making quick and effective decisions in complex and fast-paced conditions

SUMMARY

Experienced backend developer with a strong foundation in Java, Spring Boot, and Docker, skilled in developing scalable microservices and working in global, remote teams.

LANGUAGES

English	Proficient
Persian	Native

SKILLS

Java	Spring Boot	JDBC	R2DBC
Flyway	Swagger	Git	JUnit
Docker	Reactive Programming		
WebFlux framework		Microservices	
gRPC	Maven	Hibernate	
Apache Kafka		Python	
Firebase Cloud Messaging			C/C++
OpenAPI	Linux	Shell Script	
MySQL	PostgreSQL	R	
Machine Learning		Deep Learning	
Neural Networks		Latex	

Soft Skills

Collaboration	Self-motivation		
Adaptability	Leadership	Flexibility	
Problem-solving		Creativity	

CERTIFICATION

Neural Networks and Deep Learning

Coursera ([Link](#) to certificate)

Machine Learning

Coursera ([Link](#) to certificate)

EXPERIENCE

Bioinformatics specialist

Human Gene Pars

03/2017 - 12/2017

<https://humangene.ir/>

Human Gene Pars is a bioinformatics company specializing in the analysis of human genetic data to identify diseases

- Analyzer of two different types of genetic data: RNA and DNA
- R&D specialist focusing on the "analysis of human genome SNPs to identify correlations with human traits and characteristics" project
- Researcher involved in the project "developing specialized tests for the treatment of breast, colon, and prostate cancer."

PUBLICATIONS

You are what you eat: Sequence analysis reveals how plant microRNAs may regulate the human genome

Computers in Biology and Medicine / Elsevier

Mansoor Hasani Bidgoli / Bahareh Kashani / Seyed Abolfazl Motahari / Nafiseh Sedaghat / Mohammad Hossein Modarressi

03/2019

<https://www.sciencedirect.com/science/article/abs/pii/S0010482519300204>

RESEARCH EXPERIENCES

Analyzing Microarray Data Via Learning DNA Cross Hybridization

Dr. Seyed Abolfazl Motahari, Prof. Hamid R. Rabiee

Sharif University Of Technology

Analyzing gene expression from microarray (Affymetrix) and RNA-Sequencing (Illumina) platforms. Attempting to identify and understand cross-hybridization events in microarray data by utilizing RNA-Sequencing data as a reference.

Privacy Preserving in Graph Database Mining

Dr. Abdolreza Mirzaei

Isfahan University Of Technology

The aim of this research is to preserve privacy during data extraction from graph databases. It seeks to strike a balance between data mining and privacy preservation in graph-based data analysis, ensuring that sensitive information is prevented from being disclosed by removing the minimal number of nodes or edges from the data

KEY ACHIEVEMENTS



Ranked 3rd in cumulative GPA among all Computer Engineering students at Isfahan University of Technology, starting from 2010



Direct admission to Master's programs without the need for the University Entrance Examination from three prestigious universities in Iran: Sharif University of Technology, Isfahan University of Technology, and Amirkabir University of Technology

EDUCATION

M.Sc. in Artificial Intelligence

Sharif University of Technology

09/2014 - 01/2017 Tehran

GPA

16.4 / 20

B.S. in Computer Engineering

Isfahan University of Technology

09/2010 - 09/2014 Isfahan

GPA

17 / 20

FIND ME ONLINE



LinkedIn

<https://www.linkedin.com/in/mansoor-hasani-4732471a0/>