



HAMED SANAEI

Software Engineer | Full-Stack .NET Developer

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Kerman, Iran

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CORE STACK

C# .NET ASP.NET

Data

SQL Server Elasticsearch

Web

React Next.js

Desktop

WPF WinForms

INFRASTRUCTURE

Linux MikroTik RouterOS

Routing VPN Docker

Git CI/CD

AI & DATA

Python Machine Learning

Deep Learning

LANGUAGES

Persian: Native or bilingual proficiency

English: Professional working proficiency

German: Elementary proficiency
Duolingo Score 50 – Apr 2023

Chinese: Elementary proficiency

CERTIFICATIONS

MikroTik Tunneling
Cafe Amoozesh, Aug 2026

MikroTik MTCRE – Routing
Cafe Amoozesh, Jan 2026

SUMMARY

Software Engineer and Full-Stack .NET Developer focused on C#, ASP.NET Core, SQL Server, and backend systems. Experience includes e-commerce, internal accounting software, enterprise search, and production desktop applications. Hands-on with Linux, MikroTik/RouterOS, Docker, CI/CD, and network troubleshooting, with an active interest in AI model deployment and fine-tuning.

PROFESSIONAL EXPERIENCE

Full-Stack Developer | Kerman Motor

Jan 2025 – Apr 2026

Kerman, Iran

- Developed and maintained kermanpart.ir, an e-commerce website for automotive parts, product information, orders, and customer-facing features.
- Designed and developed an internal accounting and financial management system for dealership operations and internal workflows.
- Worked across frontend, backend, database design, debugging, maintenance, and deployment.
- Automated internal processes by replacing manual workflows with custom software solutions.

Search Engineer & Information Retrieval Researcher | Data Science Laboratory, Shahid Beheshti University

Feb 2020 – Oct 2020

Tehran, Iran

- Developed and improved enterprise search solutions using Elasticsearch and Apache Lucene.
- Contributed to search platforms for large organizations, including Bank Melli Iran and Mobile Telecommunication Company of Iran (MCI).
- Worked on indexing, document retrieval, query processing, relevance, ranking, and search performance.
- Designed search components for large organizational datasets.
- Conducted research in Expert Finding and information-retrieval ranking methods.

Web Application Developer | Kiantranslate

Sep 2019 – Feb 2020

Kerman, Iran

- Worked as a web application developer.

.NET Software Developer | Pouya Pardazesh

Jun 2018 – Aug 2018

Kerman, Iran

- Worked on a large-scale Windows pharmacy management system using C#, .NET, WPF, and WCF.



Neural Networks and Deep Learning

Coursera, Sep 2020

Customer Analytics – University of Pennsylvania

The Data Scientist's Toolbox – Johns Hopkins

What is Data Science? – IBM

C# Course – SoloLearn

SQL Fundamentals – SoloLearn

JavaScript Course – SoloLearn

- Worked with a client-server architecture and a complex relational database containing 400+ tables.
- Contributed to invoicing, inventory, accounting, prescription processing, pharmaceutical pricing, and health-insurance integration workflows.
- Debugged and maintained a production system used daily by pharmacies.

ACADEMIC EXPERIENCE

Teaching Assistant – Information Retrieval | [Shahid Beheshti University](#)

📅 Fall 2020

📍 Tehran, Iran

- Assisted with Information Retrieval basics and Web Search coursework for B.Sc. students.

Teaching Assistant – Advanced Information Retrieval | [Shahid Beheshti University](#)

📅 Spring 2021

📍 Tehran, Iran

- Assisted with Advanced Information Retrieval coursework for M.Sc. students.

EDUCATION

M.Sc. in Software Engineering | [Shahid Beheshti University](#)

📅 Sep 2019 – Sep 2021

📍 Tehran, Iran

- GPA: 17.31 / 20
- Coursework: Information Retrieval, Cloud Computing, Advanced Algorithms, Advanced Software Testing, Advanced Software Architecture.
- Projects: cloud resource placement; search-engine implementation using Apache Lucene and Elasticsearch; event-reservation system with real-time online chat.

B.Sc. in Computer Engineering | [Shahid Bahonar University of Kerman](#)

📅 Sep 2015 – Jun 2019

📍 Kerman, Iran

- GPA: 16 / 20
- Coursework included Data Structures & Algorithms, Artificial Intelligence, Operating Systems, Compiler Design, Computer Networks, Network Security, Databases, and Software Engineering.
- Recognized as a talented and ranked student of the Computer Department in 2016–2017.