

# ALIREZA BAHRAMI BAVANI

<https://alirezakoo.github.io>

## WORK EXPERIENCE HISTORY

### Vice President of Software Development (Full-time)

02/06/2021 - Up to Present

Shahr Bank  
Tehran, Iran

- Analysis and design of software projects in the banking industry and assistance in planning and technical performance of software systems
- Assisting in the planning, organizing, directing, communicating, and controlling of the cost, schedule, and technical performance

**Skills:** Data Analysis, Software Analysis, and Design, Business Intelligence (BI)

### Business Intelligence Expert (Full-time)

02/07/2020 - 01/06/2021

Shahr Bank  
Tehran, Iran

- Developing and implementing data analyses, data collection systems, and other strategies that optimize statistical efficiency and quality
- Acquiring and analyzing data from primary or secondary data sources with SSIS and SSAS

**Skills:** SQL Server Integration Services (SSIS), SQL Server Analysis Services (SSAS), Data Warehousing, Data Analysis, Database Engine Tuning Advisor

### Software Developer (Full-time)

02/03/2017 - 01/07/2020

Shahr Bank  
Tehran, Iran

- Development of banking software and services such as the system for issuing bank certificates and financial statements, the system for issuing bank checks, the international book fair project, and an integrated registration system, etc.

**Skills:** C# · ASP.NET Web API, Entity Framework (EF) Core, Blazor, Single Sign-On (SSO), ASP.NET MVC, Microsoft SQL Server, Windows Communication Foundation (WCF), NET Core, Language Integrated Query (LINQ)

## CONTACT



13/01/1988 - Iranian



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## ACADEMIC HISTORY

### Master of Computer Software Engineering

29/01/2013 - 04/02/2016

Azad University's Science and Research Branch  
Isfahan, Iran

### Bachelor of Computer Software Technology Engineering

25/09/2009 - 04/02/2011

University of Applied Science and Technology (UAST)  
Isfahan, Iran

### Associate Degree in Computer Software Engineering

23/09/2006 - 18/02/2009

Islamic Azad University  
Isfahan, Iran

## LANGUAGES

- **Persian:** (Native)
- **English:** (TOEFL 97, Duolingo 120)

## Mid-level Software Developer (Full-time)

23/08/2013 - 01/03/2017

Shahr Bank  
Isfahan, Iran

- Performing banking services and supporting relevant software

## Junior Software Developer (Part-time)

01/02/2010 - 21/10/2011

Omid Zenderood Apadana  
Isfahan, Iran

- Development of Web and Windows applications with C#.NET

## PERSONAL HISTORY

### General Military Service

Isfahan, Iran

### Software Support Curator (Full-time)

23/10/2011 - 25/12/2012

- Software and hardware support of army service units

## PROJECTS

### Shahr Bank Development of Banking Software E.g.:

- Financial Ability and Statements System
- Bank check issuance system
- International Book Fair Management Project
- Setting Identity server, Integrated log system, etc.

### Shahr Bank-BI And Data Analyses Projects Engineer:

- Development of an Internal Data Warehouse
- Development of Customer Risk System
- Setting up Internal Base Information for Central Authorization
- Manage And Develop Signs Management System

### Omid Zenderood Apadana - Development expert:

- Activity-based costing system (ABC) is a costing method that identifies activities in an organization and assigns the cost of each activity to all products and services according to the actual consumption by each

## PRESENTATION

### Master of Software Engineering degree thesis:

"An Approach to Database Schema Matching Based on History of Versions Changes"

## SKILLS

### Soft skills:

- Accountability
- Problem-solving
- Collaboration and Teamwork
- Adaptability
- Patience
- Empathy

### Hard skills:

- Software Developer
- Software Analysis
- Business Intelligence (BI)
- Database Tuning
- SSO-IDP
- Data Warehouse Design
- Design Patterns
- Back-End Web Development
- Database Design
- Internet of Things (IOT)
- Digital Banking Services and Processes
- Identity Server and OAuth
- Database Engine Tuning Advisor
- Object-Oriented Programming (OOP)
- Database Analysis

### Computer skills:

- **Software Developer Skills:** (.NET Core, C#.NET, Entity Framework Core, LINQ, ASP. Net MVC, Lambda Expr, Blazor, Web API, WCF)
- **Data Skills:** (SQL Server knowledge and Tuning, SQL Server Integration Services, SQL Server Database)

## INTERESTS

- Reading papers about new approaches and technologies
- Constant learning and progress
- Cycling

## ARTICLES

- Samsamshariat, Seyed Reza, and Alireza Bahrami Bavani. "Provide Hematology Algorithms for Screening Beta Thalassemia and Iron Deficiency Anemia." (2016)
- Alireza Bahrami, Habib Seifzadeh. "A New Approach to Compute Cost Using Multi-Dimensional Data Structures." (2011)

## ACHIEVEMENTS

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- CEO of Shahr Bank acknowledged me for my strong performance in projects involving reverse engineering and systematization of banking processes
  - Ranking first in Azad university in an associate degree (2009)
  - Azad University honored me in 2009 as an outstanding researcher
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## CERTIFICATES

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- **Microsoft Visual Studio Software Testing Fundamentals**  
SEMATEC - 2022
  - **Data Warehouse Design & ETL Implementation Using Microsoft SSIS**  
SEMATEC - 2021
  - **Data Mining Using Microsoft SSAS**  
SEMATEC - 2021
  - **Microsoft SQL Server for Performance Tuning**  
Douran Academy - 2019
  - **Cloud Computing**  
Sharif University of Technology (LAITEC) - 2017
  - **Linux Server Professional (LPIC-1)**  
Fanavaran Anisa Company - 2016
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## REFERENCES

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- **Dr. Mojtaba Rahmani, Warehouse Team Member at Amazon, Canada BC**  
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