

**Summary**

- 13 years of professional experience in the development of financial software and CoreBanking system
- The ability to write sophisticated SQL scripts to discover, analyze and solve complex problems
- In-depth knowledge of relational data modeling, database design and query optimization
- Architecture and orchestration of complex systems
- Problem solving
- Affability and proactivity
- Strong teamwork skills and sense of responsibility
- Open for new challenges with a high willingness to learn
- High degree of personal initiative, commitment and creativity

**Professional Qualifications**

- IBM Mainframe professional
- Advanced knowledge of DB2 and CICS
- JCL and REXX programmer
- Senior COBOL developer
- Familiar with WebSphere MQ
- Familiar with Unix based environments
- SQL Expert
- Data Analyst
- Big Data, Apache Hive, Apache Impala
- Good knowledge of Python
- Basic knowledge of Java and C++ -
- Familiar with Microsoft Project

**Education**

**Feb 2008 – Sep 2011 Azad University Science and Research Branch**  
Teheran, Iran

- M.Sc. degree in Artificial Intelligence
- Thesis: Optimizing variable predictive model based class discrimination
- Courses: Statistical pattern recognition, Artificial Neural Networks, Machine Learning,
- Natural Language Processing

**Sep 2000 – Feb 2005 Yazd University**  
Yazd, Iran

- B.Sc. degree in Software Engineering
- Thesis: Security and Vulnerability of End-Users
- Courses: Data structure and algorithm design, Database fundamentals, Operating systems,
- Automata theory

**Professional Experience****Dec 2015 – Jun 2020    Informatics Services Corporations**

Tehran, Iran – Technical Team Leader

- Development and Maintenance of a loan management system for the credit department of a core banking system Based on IBM Mainframes, CICS was used as the transaction manager, COBOL for business logic implementation, and DB2 as DataBase Management
- System. Also, we were using JCLs for batch processing and REXX for automation purpose
- System performance monitoring
- Applications and queries optimization
- Consulting to administrators for database tuning
- Implement complex SQL queries to detect and fix logical anomalies in the database
- Supervise and assign work to programmers, designers or other engineering personnel and managing projects and resources

**Jul 2007 – Dec 2015    Informatics Services Corporations**

Tehran, Iran – Mainframe Software Developer

- Analysis, design, and implementation of customer requirements on the Mainframe using COBOL, CICS, and DB2
- Development, testing, and verification procedures of the software
- modification or debugging of existing software for performance optimization
- Store, retrieve and manipulate data with JCL, COBOL, and SQL queries to analyze system health, statistics and requirements

**Okt 2005 – Jun 2007    Mandatory military service**

Teheran, Iran – Software Developer

- Develop an office automation system from scratch using VB 6.0 and MS SQL Server 2000 for local uses

**Jun 2005 – Okt 2005    Iran Minerals Production and Supply Company Teheran, Iran – Network Administrator**

- Maintenance and management of computer networks
- Installation and configuration of servers

**Apr 2005 – May 2005    Personal Projects**

- Drawing AutoCAD plans for a family business
- Side studies in the field of computer and network security
- Further Education and Certificates

**Jul 2020                      COBOL Programming**

- COBOL Programming with VSCode

**May 2020 – Jul 2020    Modern Big Data Analysis with SQL.**

- Foundations for Big Data Analysis with SQL
- Analyzing Big Data with SQL
- Managing Big Data in Clusters and Cloud Storage

**Apr 2020 – May 2020    AWS Fundamentals**

- Going Cloud-Native
- Addressing Security Risk
- Migrating to the Cloud
- Building Serverless Applications

**Jan 2020 – Feb 2020    IBM z/OS Mainframe Practitioner**

- Introduction to Enterprise Computing
- Getting Started on Mainframe with z/OS Commands and Panels
- Basic System Programming on IBM Z

**Sep 2019 – Dez 2019    Master The Mainframe Online Workshop by IBM**

- Master The Mainframe Part 2
- Master The Mainframe Part 3
- z/OS Introduction Workshop

**Aug 2019 – Dec 2019    Advanced Data Science Specialization**

- Fundamentals of Scalable Data Science
- Advanced Machine Learning and Signal Processing
- Applied AI with DeepLearning
- Advanced Data Science Capstone

**Dez 2018 – Mar 2019    IBM Data Science.**

- What is Data Science?
- Tools for Data Science
- Data Science Methodology
- Python for Data Science and AI
- Databases and SQL for Data Science
- Data Analysis with Python
- Data Visualization with Python
- Machine Learning with Python
- Applied Data Science Capstone

**Oct 2012 TÜV NORD IRAN**

- Information Security Management System

**Languages**

- German, B1
- English, Very good in writing and fluent in speaking
- Persian, native speech