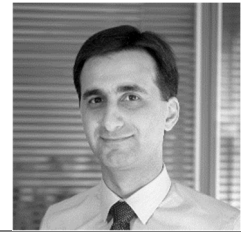


Vafā Sarmast

vafa@sarmast.net



SUMMARY

More than 20 years of experience with a wide and thorough knowledge of software development, data management, data architecture and engineering, and IT infrastructures.

Extensive experience of leading the strategy, execution, and evolution of the organisational programs and initiatives (R&D to Operations) within multidisciplinary and multicultural teams.

Certified ScrumMaster with strong leadership and motivation skills.

Responsible and reliable, initiative, methodical and analytical, with ability to solve complex problems and focus on goals and milestones.

Skills Overview

Leading Software Development and Engineering

Data Architecture and Engineering • Business Intelligence and Analytics

Enterprise Data Management • Enterprise Data Architecture • Data Governance

Solution Architecture • Cloud Architecture (IaaS; PaaS)

IT Governance • Security Management • Quality Management • Monitoring

Operation, Integration, and Deployment Automation (DevOps; CI/CD)

Strategy and Change Management • Business Process Improvement and Automation

Technologies Overview

Azure IaaS/PaaS • Microsoft SQL Server • SQL Server Services: SSIS and SSRS • Azure Data Services

Microsoft Excel • Power Query • PowerPivot • Power BI • Tableau

.Net Framework • T-SQL • Visual Basic .NET • C# • VSTO • PowerShell • XML • JSON

HTML and HTML5 • CSS3 • ASP.Net • JavaScript and jQuery

Azure DevOps • Microsoft Visual Studio • JIRA • Microsoft Visio

EXPERIENCES AND CAREER HISTORY

Senior Manager, Data Architecture and Engineering

Dec 2017–

Frontiers Media SA, Lausanne, Switzerland

- Leading the Data Architecture and Engineering team to govern, reconcile, modernise, and regulate enterprise data management and technologies
- Building and operating data products: Data integration solutions, enterprise and local data warehouses, data collection and transformation engines, and data access points
- Directing the Data Governance program to manage and ensure availability, usability, integrity, and security of corporate data and information assets
- Driving team practices, defining vision and strategies, and acting as the resident expert to develop and manage enterprise data systems
- Research, analyse, and advise Technology Departments in utilisation of technology

Head of Data Science and Engineering

Jul 2016–Nov 2017

Team Lead Data Science and Engineering

Jan 2016– Jun 2016

Frontiers Media SA, Lausanne, Switzerland

- Leading the Data Science and Engineering team to develop and maintain data and BI infrastructure, platforms, products, and services:
 - Design and implementing data–warehouse and organisational access points
 - Design data products and services for robustness, scalability, and performance
 - Design and developing BI applications and tools for data analysis and visualisation
 - Delivering reports from about 100 databases for all areas on business performance and analytics

Team Lead IT Operations and Reporting

Apr 2014– Dec 2015

Frontiers Media SA, Lausanne, Switzerland

- Leading a team of System Engineers and BI Developers, for all business–critical systems and reporting applications—based in Lausanne and Madrid
- Administrate, develop, and maintain IT infrastructure—on–premises and cloud datacentres:
 - More than 300 servers of production, test, and development environments
 - IT infrastructures of Lausanne and Madrid Offices with more than 160 employees
- Leading DevOps program to design and develop solutions for IT infrastructure automation:
 - Automating processes of building and maintaining development and test systems for more than 10 development teams
- Develop and maintain data and BI infrastructure and solutions:
 - Design and implementing data–warehouse and organisational access points
 - Design and developing BI applications and tools for data analysis and visualisation
 - Delivering reports from about 100 databases for all areas on business performance and analytics
- Provide technical advising to other business and IT teams

Software Developer

Nov 2011 – Mar 2014

Frontiers Media SA, Lausanne, Switzerland

Design and develop data solutions for Business Intelligence and Data Reporting
Design and develop software solutions for business process automation
Provide technical advising to other business and IT teams

Structural Engineer; IT and Software Manager

Sep 2004 – Mar 2010

Āigān Consulting Engineers, Tehran, Iran

Managing IT infrastructure and providing technical advising on software systems
Design and develop structural, civil, CAD, and CAE software and applications
Audit technical documentation
Staff training and education

System Analyst and Technical Advisor

part-time Apr 2002 – Dec 2009

—In several projects of structural, civil, and CAD software development

Rāyān Sāzé, Tehran, Iran

Analyse software systems and product feature requests
Research and produce functional specifications and technical requirements
Design and develop database solutions

CAD Software Developer

Apr 2000 – Mar 2002

Rāyān Sāzé, Tehran, Iran

Design and develop CAD automation components for a structural software

EDUCATIONS AND CERTIFICATIONS

Executive Data Science

2016

Five-course Specialisation and Capstone Project

Johns Hopkins University on Coursera

Certified ScrumMaster (CSM)

2014

Professional Training

ScrumAlliance, Zürich, Switzerland

BSc in Civil Engineering

1992 – 1998

University of Tehran, Tehran, Iran

LANGUAGES

Persian Native language

English Speak, read, and write with high proficiency

French Intermediate in reading and writing; Beginner in speaking

SOFTWARE AND IT SKILLS

Name	Versions	Proficiency	From
<i>Data Management and Business Intelligence Solutions</i>			
Transact-SQL	2000–2019	Expert	2000
Microsoft SQL Server	2000–2019	Expert	2002
Microsoft SQL Server Integration Services	2012–2019	Expert	2012
Microsoft Azure Data Services			
SQL Server on VM; SQL Database; SQL Managed Instance; Data Factory		Expert	2017
Synapse Analytics; Data Lake; Cosmos DB		Advanced	2017
ADO.NET	1.0–4.8	Expert	2003
Microsoft Excel	97–2019	Expert	1997
Microsoft Self-service BI (Power Query; PowerPivot)	2013–2019	Expert	2013
Microsoft Access	97–2019	Expert	1997
Microsoft SQL Server Reporting Services	2012–2019	Advanced	2012
Microsoft Power BI	2.x	Advanced	2015
Tableau	9.3–2019	Intermediate	2016
<i>Development Frameworks, Languages, Technologies, and Standards</i>			
.NET Framework	1.0–4.8	Expert	2003
C#	2.0–8.0	Expert	2003
Visual Basic .NET	7.0–16.0	Expert	2003
Visual Studio Tools for Office (VSTO)	3.0–4.0	Expert	2008
Visual Basic for Application (VBA)	6.0–7.1	Expert	2000
PowerShell	4.0–5.0	Expert	2014
HTML and HTML5	4.0–5.1	Expert	1999
CSS	1–3	Expert	1999
XML		Expert	2005
XSL (XSLT and XPath)	2.0–3.0	Expert	2010
JSON		Expert	2012
ASP.NET	1.1–4.8	Advanced	2004
JavaScript and jQuery		Advanced	1999
<i>Development Tools, Platforms, and Cloud IaaS and PaaS</i>			
Microsoft Visual Studio	5.0–16.7	Expert	1997
Microsoft Azure IaaS/PaaS			
Management; Networking; Security; Compute; Storage; Integration		Expert	2015
Microsoft Azure DevOps (TFVC; Git)	2017–	Expert	2010
Microsoft Windows Server	2003–2019	Advanced	2003
Microsoft Office 365	2013–2019	Advanced	2014
Microsoft SharePoint (Web)	2010–2019	Advanced	2012
Atlassian JIRA	5.1–8.x	Expert	2011
<i>Office and Documentation</i>			
Microsoft Windows	3.1–10.0	Expert	1994
Microsoft Word; Microsoft PowerPoint	97–2019	Expert	1997
Microsoft Visio	2003–2019	Expert	2003
Adobe Acrobat Pro	6.0–DC	Expert	2003