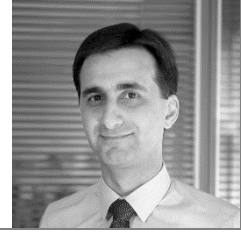# *Vafā Sarmast*

SUMMARY

Over 20 years of comprehensive experience in software development, data management, data architecture and engineering, and IT infrastructures, demonstrating a deep and diverse knowledge base.

Proven track record in spearheading the strategy, execution, and evolution of organizational programs and initiatives, from research and development to operational implementation, while working effectively with multidisciplinary and multicultural teams.

Certified ScrumMaster with a strong aptitude for leadership and motivation, fostering collaborative environments and driving teams towards success.

Recognized for being responsible, reliable, and proactive, consistently taking initiative and demonstrating a methodical and analytical approach to problem-solving.

Exceptional ability to tackle complex challenges and maintain a focused mindset on goals and milestones.

Skills Overview

Leading Software Development and Engineering

Data Architecture and Engineering ‧ Business Intelligence and Analytics ‧ Data Modelling

Enterprise Data Management ‧ Enterprise Data Architecture ‧ Data Governance

Solution Architecture ‧ Cloud Architecture (IaaS; PaaS)

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

IT Governance ‧ Security Management ‧ Quality Management ‧ Monitoring

Strategy and Change Management ‧ Business Process Improvement and Automation

Technologies Overview

Azure IaaS/PaaS ‧ Azure Data and Analytics Services ‧ Microsoft SQL Server ‧ Data Warehousing
Power BI ‧ Power Query ‧ Microsoft Excel ‧ Power Platform ‧ Tableau
.NET Framework ‧ T-SQL ‧ Visual Basic .NET ‧ C# ‧ VSTO ‧ XML ‧ JSON ‧ PowerShell ‧ HTML ‧ CSS ‧ JavaScript
Azure DevOps ‧ TFVC and Git ‧ Microsoft Visual Studio ‧ Microsoft Visio ‧ JIRA and Confluence

EXPERIENCES AND CAREER HISTORY

Group Manager, Data and Analytics	July 2022 –

Avanade Schweiz GmbH, Geneva, Switzerland

Designing and implementing data-driven projects that centre on the efficient collection, aggregation, storage, and accessibility of data from diverse sources.

Providing strategic guidance and leadership to clients in leveraging data engineering and analytics to drive business insights and informed decision-making.

Tailoring projects to meet the specific needs and objectives of clients, ensuring the successful implementation and utilization of data-driven solutions.

Collaborating with multidisciplinary teams to develop and execute comprehensive data strategies, aligning them with organizational goals and industry best practices.

Conducting in-depth analysis of data structures, processes, and workflows to identify areas for improvement and optimization.

Leveraging advanced analytics techniques and tools to extract actionable insights from complex datasets, enabling clients to make data-informed decisions.

Serving as a subject matter expert, keeping abreast of emerging trends and technologies in data engineering and analytics, and providing thought leadership to drive innovation and continuous improvement.

Senior Manager, Data Architecture and Engineering	Dec 2017–Jun 2022

Frontiers Media SA, Lausanne, Switzerland

Leading the Data Architecture and Engineering team, overseeing the governance, modernisation, and regulation of enterprise data management and technologies.

Building and operating data products, including data integration solutions, enterprise and local data warehouses, data collection and transformation engines, and data access points.

Directing the Data Governance programme 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 subject matter expert in developing and managing enterprise data systems.

Offering technical support and guidance to Technology Departments, assisting in the development of enterprise strategies and the selection of technologies, methodologies, and best practices.

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 in developing and maintaining data and BI infrastructure, platforms, products, and services.

Designing and implementing data warehouses and organizational access points to ensure efficient data management.

Developing and creating BI applications and tools for data analysis and visualization.

Delivering comprehensive reports on business performance and analytics from 100+ databases.

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 business-critical systems and reporting applications in Lausanne and Madrid, supporting over 160 employees.

Administering, developing, and maintaining IT infrastructure across on-premises and cloud datacentres, managing 300+ servers for production, testing, and development.

Driving the DevOps program, automating processes for building and maintaining development and test systems for multiple teams.

Developing and maintaining data and BI infrastructure, including data warehousing, organizational access points, and BI applications for analysis and visualization.

Delivering reports from 100+ databases, providing business performance and analytics insights.

Providing technical support and advisory services to other business and IT teams.

Software Developer   Nov 2011 – Mar 2014

Frontiers Media SA, Lausanne, Switzerland

Designing and developing data solutions for Business Intelligence and Data Reporting, ensuring efficient data processing and visualization.

Designing and developing software solutions for business process automation, streamlining, and optimizing key business processes.

Providing technical support and advisory services to other business and IT teams, offering expertise in software development and integration.

Structural Engineer; IT and Software Manager   part–time   Sep 2004 – Mar 2010

Āigān Consulting Engineers, Tehran, Iran

Managing IT infrastructure and provide support for software systems, ensuring their smooth operation and functionality.

Designing and developing structural, civil, CAD, and CAE software and applications, leveraging expertise in these domains to create efficient and reliable solutions.

Conducting audits of technical documentation to ensure accuracy, completeness, and compliance with standards.

Providing staff training and education on IT infrastructure management and software systems, empowering team members with the necessary skills and knowledge.

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

Analysing software systems and feature requests, producing functional specifications and technical requirements.

Designing and developing database solutions for efficient data management.

CAD Software Developer   Apr 2000 – Mar 2002

Rāyān Sāzé, Tehran, Iran

Designing and developing CAD automation components for structural software, enhancing automation and efficiency in the design process.

EDUCATIONS AND CERTIFICATIONS

Microsoft Certified: Azure Database Administrator Associate		2024
		Microsoft
Microsoft Certified: Azure Data Engineer Associate		2023
		Microsoft
Microsoft Certified: Azure Administrator Associate		2023
		Microsoft
Microsoft Certified: Azure Data Fundamentals		2023
		Microsoft
Microsoft Certified: Azure AI Fundamentals		2023
		Microsoft
Microsoft Certified: Azure Fundamentals		2023
		Microsoft
System Integration Solution Architect		2023
		Avanade
LFC131: Green Software for Practitioners		2023
		Green Software Foundation, Linux Foundation
Executive Data Science Specialization		2016
		Johns Hopkins University on Coursera
Certified ScrumMaster (CSM)		2014
		ScrumAlliance, Zürich, Switzerland
BSc in Civil Engineering		1992–1998
		University of Tehran, Tehran, Iran

LANGUAGES

Persian	Native language
English	High proficiency in speaking, reading, and writing
French	Intermediate proficiency in speaking, reading, and writing

WORK AUTHORIZATIONS

Switzerland	C Permit

Software and IT Skills

Name	Proficiency	Since
Data and Analytics Solutions		
Microsoft SQL Server	Expert	2002
Microsoft SQL Server Integration Services	Expert	2012
Microsoft Azure Data and Analytics		2017
Azure SQL (VM, MI, DB); Azure Data Factory; Azure Synapse Analytics; Azure Analysis Services	Expert	
Azure Data Lake Storage; Azure Files; Azure Data Explorer; Azure Cosmos DB	Expert	
Azure Event Hub; Azure Stream Analytics; Microsoft Purview	Expert	
Microsoft Excel	Expert	1997
Microsoft Power Query	Expert	2013
Microsoft Power BI	Expert	2015
Microsoft Power Platform (Dataverse, Power Apps, Power Automate)	Advanced	2019
Tableau	Intermediate	2016
Development Frameworks and Languages		
SQL; T-SQL	Expert	2000
.NET Framework	Expert	2003
C#	Expert	2003
Visual Basic .NET	Expert	2003
Visual Studio Tools for Office/Applications (VSTO/VSTA)	Expert	2008
Visual Basic for Application (VBA)	Expert	2000
Power Query M	Expert	2018
DAX	Advanced	2018
Power Fx	Advanced	2021
XML; XPath; XSLT	Expert	2005
JSON	Expert	2012
YAML	Advanced	2022
PowerShell	Expert	2014
HTML; CSS	Advanced	1999
JavaScript; jQuery	Advanced	1999
TypeScript	Intermediate	2022
Development Tools, Platforms, and Cloud Services		
Microsoft Visual Studio; Visual Studio Code	Expert	1997
Microsoft Azure DevOps (TFVC and Git)	Expert	2011
Microsoft Azure IaaS/PaaS		2017
Management and Governance; ARM/IaC; Storage	Advanced	
Compute and Integration: VM, App Service, Functions, Logic Apps	Advanced	
Networking; Security; Active Directory and Identity Management	Advanced	
Microsoft Windows Server	Advanced	2003
Microsoft 365 (Office 365)	Advanced	2014
Microsoft SharePoint	Advanced	2012
Atlassian JIRA and Confluence	Advanced	2011
Office and Documentation		
Microsoft Windows	Expert	1994
Microsoft Word; Microsoft PowerPoint	Expert	1997
Microsoft Visio	Expert	2003
Adobe Acrobat Pro	Expert	2003