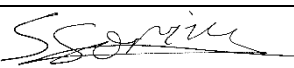


CV FRONT PAGE

Surname, first name:	SION, Eugen-Sorin		
Date of last update:	March 2026 		
e-mail address:	sorin.sion@gmail.com		
External service provider information:	Date of birth: 21/12/1967	Nationality: Romanian	
Type of contract:	Employer: DUKAT ORB SL Date of recruitment: 11/2019 ☐ Permanent (Check the appropriate) Number of months working for the tenderer: 86 months ☐ Non-permanent ☒ Freelancer: Comments: Worked with ARHS, SEIDOR and, lastly, DUKAT ORB SL Name of freelance company: TECHFUSION SRL		
Current function:	Technology Expert		
Profile for which external service provider is entered:	Technology Expert Date available: currently available		
Highest relevant educational qualification:	Check the appropriate: ☐ Master degree or equivalent (≥4 years) ☒ Bachelor degree ☐ Secondary school Number of (successful) years of study after secondary school: 5	Certificate or diploma: Bachelor in Sociology, Psychology, Pedagogy Institute: University of Bucharest, Romania	End date of secondary school: 06/1988 Start date of higher studies: 09/1991 End date of studies: 06/1996
Languages: (indicate level of skill: from 1=basic to 5=excellent)	English Romanian Italian	Spoken 4 5 1	Written 4 5 1
Professional experience	Date IT career started: 02/1998		Number of years/months of experience (apart from the studies): 28 years
Specific expertise(s) (with number of months experience for each)	GIS: 234 months GIS (MapInfo/MapBasic, ArcGIS, MapWindows, QGIS): 205 months Python: 94 months PostgreSQL/PostGIS: 85 months MS SQL Server: 295 months MS SQL Server suite (SSIS/SSAS/SSRS, GIS functions in SSRS): 77 months MySQL: 205 months PostgreSQL: 126 months Oracle: 233 months JavaScript: 266 months Drupal: 12 months Nextcloud: 12 months Google Cloud: 12 months		
Standard(s) or certificate(s)			

Proposed level	Level 5
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CV Summary

Mr. SION is a Senior Developer with 28+ years of experience.

More specifically:

- 20 years of experience in GIS/Geomarketing
- 26 years of experience in programming (Assembler, Fortran, Basic, C#, JavaScript, Java, ASP.NET, VB.NET, VBA, Visual FoxPro, SPSS, Python, Linux/Windows shell scripting)
- 26 years of experience in databases (MongoDB, MS SQL Server, Oracle, MySQL, PostgreSQL, Netezza, FoxPro)
- 10 years of experience in working with various data integration and analytics tools/platforms (SSIS/SSAS/SSRS, Talend Open Studio, Informatica PowerCenter, SAP Power Designer, SAP BO BI, Oracle ODI) in various DWH architectures.
- 1 year of experience in web platform development, integrating technologies like Drupal, Keycloak, Nextcloud , Cloudflare, Qboxmail and Google Cloud.
- 1 year of experience in integrating AI in workflows for specialized news collection, filtering and summarization

CV training page

CV training page number for this CV:	
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TRAINING				
	Training name:	Company/institute organising the training:	Date(s) training followed:	Exams or certificates:
1.				
2.				
3.				
4.				
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10.				

CV software expertise page

CV software expertise page number for this CV:	1
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Software Expertize			
Tool (when possible precise manufacturer, product name & version(s))	Competence (rating: 1-5)	Duration (in months)	Description (reference to relevant entries under “professional experience” is mandatory)
Excel	5	307	1,2, 3, 4, 5, 6, 7
VBA	5	307	1,2, 3, 4, 5, 6, 7
MS SQL Server	5	293	1, 2, 3, 5, 6, 7
TSQL	5	273	1, 2, 3, 4, 5, 6, 7
GIS	5	234	1,2, 3, 5
PL/SQL	5	233	2, 4, 5, 6, 7
PostgreSQL	5	226	1,2, 4, 5
JavaScript	5	223	1, 2, 3, 4, 5
GIS (MapInfo/MapBasic, ArcGIS, MapWindow, QGIS)	5	193	1,3, 5
VBScript	5	191	2, 3, 5
Oracle	5	190	4, 5, 6
MS Access	5	167	5, 6
MySQL	5	162	3, 5
Linux Bash scripting	4	95	1,2
Talend Open Studio	5	94	1,2, 4
Python	5	94	1, 3
PSQL	5	86	1
PostgreSQL/PostGIS	5	85	1,3
PowerShell	5	71	2, 3
Talend Open Studio for Big Data	3	63	1,4
Linux/Windows shell scripting	3	63	1
SPSS	5	47	6
IBM InfoSphere DataStage and QualityStage Designer/Director	4	40	2
Informatica Powercenter (Designer and Workflow Manager)	4	40	2
SAP Power Designer	4	40	2
Oracle ODI	4	40	2
Oracle SQL Developer	4	40	2
MS Visual Studio	4	40	2
IBM Netezza	4	40	2
ASP.NET	4	40	2
VB.NET	4	40	2
MS SQL Server suite (SSIS/SSAS/SSRS, GIS functions in SSRS)	4	34	4

SharePoint	4	34	4
SAP BO BI	4	34	4
FoxPro	3	25	7
FME Desktop	3	20	1
TIBCO Jaspersoft Studio/iReport	3	20	1
MongoDB	3	20	1
Internet Information Server (IIS)	3	20	1
Visual Studio	3	20	1
Node.js	3	20	1
Power BI Desktop	3	20	1
GRASS GIS	3	20	1
QGIS	3	20	1
Google Earth Pro	3	20	1
Java	3	20	1
NoSQL	3	20	1
Drupal	2	12	1
Nextcloud	2	12	1
nginx	2	12	1

CV professional experience page

CV experience page number for this CV:	1
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PROJECT EXPERIENCE	
Project name:	Consultancy
Company (employer):	ARHS Developments / SEIDOR / DUKAT ORB
Dates (start-end):	02/2019 – present
Effective number of months achieved:	86
Client (customer):	JRC-Ispra
Project size:	5+
Project description: System Analysis and development	
Employee's Roles & Responsibilities in the project: Role: Information Systems Developer Responsibilities: • Support in the Development of the IAS Europe app as a tool in the IAS surveillance activities in Europe • Replace FME functionalities with open source solutions. Provision of a fully automated system that allows for (one directional) data synchronization of the CS data and the EASIN system. • Preparation of a technical study on the data for consistency and perform a quality assessment of the Nitrates Directive data sent by the 28 Member States • Develop a Nitrates database as an operational spatial data store meant to harmonize member state datasets. • Logical database design (schema, constraints and so on) • Physical database design • ETL/ELT tools for data loading • Database maintenance • Develop analytical queries to support the JRC in assessing the compliance of the Member States with the Nitrates Directive. • Maintain existing web applications within the context of a GIS content management system (portal for ArcGIS). • Developed the architecture and the documentation for the EU Wastewater Observatory for Public Health website. • Developed an AI-assisted workflow for specialized news collection, filtering and summarization, for the news feed of the EU Wastewater Observatory for Public Health website. • Developed the architecture and the documentation for the GLOWACON website. • Documentation of the developed solutions, including descriptions of the capabilities, limitations, design, operation, and maintenance (software and hardware).	
Technologies and methodologies used by the employee in the project: Talend Open Studio for Big Data, FME Desktop, TIBCO JasperSoft Studio/iReport, Tableau Public, MS SQL Server, Internet Information Server (IIS), Visual Studio, Node.js, Power BI Desktop, GRASS GIS, QGIS, Google Earth Pro, JavaScript, Java, Python, Linux/Windows shell scripting, TSQL, NoSQL (MongoDB), Drupal, Nextcloud, PostgreSQL, nginx	

CV professional experience page

CV experience page number for this CV:	2
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PROJECT EXPERIENCE	
Project name:	Consultancy
Company (employer):	PrimeBI
Dates (start-end):	10/2016 – 01/2019
Effective number of months achieved:	29
Client (customer):	ING Romania; SCOR France; ERSTE Bank Austria; Vodafone Romania; EON Romania
Project size:	5+
Project description: System Analysis and development	
Employee's Roles & Responsibilities in the project: Role: GIS Consultant & Developer Responsibilities: • Rebuild DataStage jobs for enhanced reliability, traceability and performance; • Develop application to automate Campaign Management reporting workflow; • Develop PoC on using Talend (data integration), Netezza (DWH), MS SQL Server (repository) and IIS (front end) for a high-performance solution for actuarial adjustments based on dynamic input and fixed output data structures; • System Analysis & development (SAP Power Designer, Oracle ODI, PL/SQL); • Assisting in migration to a new business model and new DW architecture (IBM industry model); • Business analysis of the new data sources; • Mapping the new data sources to the new DW targets; • Creating technical mappings between sources and targets using Power Designer; • Creating ETL jobs using the local framework (ODI); • Testing and debugging the workflows and ensuring data quality; • System Analysis in upgrading the CRM system and migration of the Ordering System to a new platform, integrated with the new CRM; • System analysis, development (debugging and optimizing Talend ETL jobs, migration of the existing WSO2 solution from development to the production environment; • Develop PoC on integrating proprietary geocoded address database with client own address database (non-geocoded) and Google Maps JavaScript API – Traffic Layer to select the best positions for ATM placement.	
Technologies and methodologies used by the employee in the project: IBM InfoSphere DataStage and QualityStage Designer/Director, Informatica Powercenter (Designer and Workflow Manager), SAP Power Designer, Oracle ODI, Talend Open Studio, Oracle SQL Developer, MS Visual Studio, Excel, MS SQL Server, IBM Netezza, PostgreSQL, ASP.NET, VB.NET, VBA, VBScript, JavaScript, Linux Bash scripting, PowerShell, TSQL, PL/SQL, GIS	

CV professional experience page

CV experience page number for this CV:	3
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PROJECT EXPERIENCE	
Project name:	GIS & Geomarketing Manager
Company (employer):	Ooredoo Myanmar
Dates (start-end):	03/2014 – 09/2016
Effective number of months achieved:	31
Client (customer):	Ooredoo CEO, CMO, CSO, CTO, Marketing Department, Sales Department
Project size:	Personal assignment
Project description: GIS & Geomarketing Manager.	
Employee's Roles & Responsibilities in the project: Role: GIS & Geomarketing Manager Responsibilities: • Developed methodologies to prioritize investments of >300M USD in network rollout (3G and 4G); • Built the internal GIS platform, integrated it with the BI system and automated outputs (MapInfo/MapBasic + VBA/VBScript/PowerShell/Python + MS SQL Server + PostgreSQL/ PostGIS); • Built the network coverage map page (Google Maps API + JavaScript) integrated in the public website. It included a coverage problem reporting tool with MySQL backend. Still active in its original form here: http://www.ooredoo.com.mm/en/Network-Coverage-Section/Coverage.aspx; • Delivered geo-marketing insights and reports to the upper management; • Designed and implemented a branding, sales and distribution audit GIS system (Android clients + vendor platform + MS SQL Server backend); • Developed the Market Intelligence platform and automated the integration and reporting processes; • Designed, built and maintained the initial Numbers Management System (MS SQL Server DBMS).	
Technologies and methodologies used by the employee in the project: GIS (MapInfo/MapBasic, ArcGIS, MapWindow, QGIS), Excel, MS SQL Server, PostgreSQL/PostGIS, MySQL, JavaScript, VBScript, PowerShell, VBA, Python, TSQL, GIS	

CV professional experience page

CV experience page number for this CV:	4
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PROJECT EXPERIENCE	
Project name:	Business Intelligence Consultant
Company (employer):	BION Team
Dates (start-end):	04/2012 – 02/2014
Effective number of months achieved:	23
Client (customer):	Romanian Government (various agencies)
Project size:	5+
Project description: Delivering data warehouse and general business intelligence consultancy according to customers' needs.	
Employee's Roles & Responsibilities in the project: Role: Business Intelligence Consultant • Business analysis for Casa Națională de Pensii Publice (National Pensions Fund); • Building table-type and map-type reports for a PoC (an integrated geostatistics reporting system built on SSIS/SSAS/SSRS with MS SQL Server backend and SharePoint frontend) for Agenția Națională de Administrare Fiscală (National Fiscal Administration Agency); • Business analysis, building ETL flows using Talend, building Universes and reports in SAP BO BI with Oracle backend, customized real time georeports in Excel+VBA+JavaScript+Google Earth for Agenția Națională pentru Protecția Mediului (National Environment Protection Agency); • Building ETL and SharePoint reporting solution for Autoritatea Națională pentru Persoanele cu Dizabilități (National Authority for People with Disabilities); • Developed SharePoint intranet solution for Ministerul Mediului și Pădurilor (Ministry of Environment and Forests).	
Technologies and methodologies used by the employee in the project: MS SQL Server suite (SSIS/SSAS/SSRS, GIS functions in SSRS), Excel, Oracle, PostgreSQL, SharePoint, Talend Open Studio, SAP BO BI, VBA, JavaScript, TSQL, PL/SQL	

CV professional experience page

CV experience page number for this CV:	5
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PROJECT EXPERIENCE	
Project name:	Geomarketing Manager
Company (employer):	Connex/Vodafone Romania
Dates (start-end):	04/2002 – 03/2012
Effective number of months achieved:	120
Client (customer):	Connex/Vodafone Romania
Project size:	Personal assignment
Project description: Geomarketing Manager	
Employee's Roles & Responsibilities in the project: Role: Geomarketing Manager Responsibilities: • Built geomarketing analyses and offered consultancy to the upper management to support and optimize distribution of existing services and development of new services; • Built and maintained the interactive network coverage map for the public website (initially a static map, then using Flash, with search capabilities and then fully interactive, based on Google Maps API and JavaScript); • Developed network expansion plans for medium and long term; • Prioritized the network investment budget (up to 30M Euro/year); • Developed geomarketing and geosales tools, fuzzy logic algorithms for geocoding and integration between various data sources (Excel with VBA, Access with VBA); • Data mining and statistical analyses to model the profit increase with coverage; • Continuous analysis of usage patterns and trends of telecom services in a geographical and competitive perspective and prioritizing investments such as to maximize the revenues without sacrificing network KPIs; • Results: Contributed to building in Romania the most efficient network in the whole Vodafone group, worldwide (investment vs ROI), and achieving equal coverage with our main competitor with ~15% lower number of sites (equivalent to ca. 60M Euro investment) and better service, as certified by independent auditors in 2011	
Technologies and methodologies used by the employee in the project: GIS (MapInfo/MapBasic, ArcGIS, MapWindow, QGIS), MS SQL Server, Excel, MS Access, Oracle, MySQL, PostgreSQL, VBA, VBScript, JavaScript, TSQL, PL/SQL, GIS	

CV professional experience page

CV experience page number for this CV:	6
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PROJECT EXPERIENCE	
Project name:	Market Research Project Manager
Company (employer):	Connex/Vodafone Romania
Dates (start-end):	04/1999 – 03/2002
Effective number of months achieved:	36
Client (customer):	Connex
Project size:	Personal assignment
Project description: Market Research Project Manager.	
Employee's Roles & Responsibilities in the project: Role: Market Research Project Manager Responsibilities: - Identifying research needs with the chiefs of departments, research planning, designing research projects, monitoring their execution with the research agencies, presenting the results to internal clients and support them with applied research insights in their area of specialty. - Databases design and maintenance for each individual project. - Developing MS Access and Excel front-ends with VBA for data entry and reporting. - Automating SPSS processing and reporting workflows. - Integrating research databases with Oracle and MS SQL Server back-ends.	
Technologies and methodologies used by the employee in the project: SPSS, Excel, MS Access, MS SQL Server, Oracle, VBA, TSQL, PL/SQL	

CV professional experience page

CV experience page number for this CV:	7
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PROJECT EXPERIENCE	
Project name:	Bridging IT Technical Assistance to Support the Romanian Authorities Implement the Global Child Protection Reform at County Level
Company (employer):	SERA Romania
Dates (start-end):	02/1998 – 03/1999
Effective number of months achieved:	14
Client (customer):	Romanian Government
Project size:	5+
Project description: EU/PHARE project regarding children in need, “Bridging IT Technical Assistance to Support the Romanian Authorities Implement the Global Child Protection Reform at County Level”	
Employee’s Roles & Responsibilities in the project: Role: IT Technical Assistant & FoxPro Developer Responsibilities: • Developed a FoxPro application to support data entry and reporting from the database. • Developed automated Excel workflows based on VBA to automate reporting of the activities of the implementation team and measuring the impact of these activities. • Designed and set up the first National Monitoring System for Children in Need (a nationwide database), for the Romanian Government. • Database design, setup and maintenance for the duration of the project. • Delivered IT technical assistance to local authorities and child protection institutions. • Provide IT assistance and training relevant to the installation, functioning and ongoing maintenance of software. • Monitored and maintained Romanian Government’s computer systems and networks. • Diagnosing and solving software faults.	
Technologies and methodologies used by the employee in the project: FoxPro, Excel, VBA, MS SQL Server, TSQL, PL/SQL	