softserve

Igor Bulenko
Senior Big Data Engineer

Summary of Qualifications	
	▪ IT experience since 2006 in the following business domains: Healthcare, Retail, Finance, ERP.
	▪ Have Experience in IT data engineering, data projects, reporting, ETL, ERP, PM systems.
	▪ Experience in data ingestion projects, experience with ETL processes, data cleansing.
	▪ Experience in all phases of software development life cycle (SDLC) i.e: Analysis, Design, Development, Testing and Deploying of applications.
	▪ Successfully completed retraining program for GCP data engineers and passed GCP data engineer exam as an outcome.
	▪ Extensive experience in writing MS SQL, T-SQL, Sybase procedures, views, functions, triggers, etc.
	▪ Developing complex SSRS reports, designing layouts, design interactive reports, custom behavior implementation by performing all complex calculations on the backend side and as a result reducing performance impact during reports processing and rendering stages.
	▪ Experience with the following programming languages: Python (PySpark), C#, PowerBuilder, Visual Basic.
	▪ Excellent communication and interpersonal skills and capable of learning new technologies very quickly.

Skills

Programming Languages/Technologies
- Powerscript
- SQL/T-SQL/Ansi SQL
- ETL (SSIS)
- Software Architecture Design/UML/ Reverse Engineering
- XML/JSON/YAML
- Reporting (SSRS, Fastreports, Crystal Reports, QlikView)
- Python (PySpark)
- DBT
- Showflake

RDBMS
- MS SQL Server
- Sybase, SQL Anywhere
- My SQL

Virtualization Tools
- Docker

Hardware
- Network technologies
- IT Hardware

Cloud Providers
GCP
- BigQuery
- CloudSQL
- Cloud Storage
- Airflow
AWS
- S3
- Redshift

Development Tools
- Visual Code
- Visual Studio
- PyCharm
- Powerbuilder 11.5 – 2019
- Installshield/Wise Installmaster
- VSS/CVS/TFS

Methodologies
- Agile
- Scrum
- XP
- Kanban

Experience	
	Practice Management System for Dental Offices and Practices
Project Description:	Further improvement of the Healthcare practice management system: new features development as a part of distributed team, close collaboration with the team in USD (DEVs, QAs, BA) including onsite visits, identifying bottlenecks of the application performance, and working on the optimization, data migration as well as reporting for front office purposes.
Customer:	US company
Involvement Duration:	10 years
Project Role:	Senior Software Engineer
Responsibilities:	▪ New features development ▪ Involved in the Dev process of integration with external software vendors (Xray imaging, bank terminals, vital sign monitors, web services, e.t.c) ▪ Responsible for requirements clarification and elicitation, close collaboration with the US customer, product owner, BA, support team ▪ Improving application performance by optimizing complex SQL Queries and migrating completed business logic from the application layer to the backend. ▪ Improving the flexibility of updates delivering process (involved on developing new online installer) ▪ Mentoring and coaching new members
Project Team Size:	8-10 team members
Tools & Technologies:	Sybase SQL Anywhere, Crystal Reports, SOAP, REST API, InstallShield, PowerBuilder, VB.NET, C#, C++, AWS, S3
	Public API Data Transformation
Project Description:	Working on the utility for automating ETL processes written on the Python for gathering and consolidating data from multiply Public API end points, utilizing Python, Pandas module, performing data transformation and storing results in the AWS S3.
Customer:	US company
Involvement Duration:	4 months
Project Role:	Senior Software Engineer
Responsibilities:	▪ Responsible for requirements clarification, close collaboration with the US dev teams, architects ▪ Data schema design ▪ Implementation data transformation process in accordance with functional requirements ▪ Error handling and implementing of logging functionality ▪ Dev testing
Project Team Size:	3- 5 team members
Tools & Technologies:	Python, AWS S3, PyCharm, Team foundation server

PM Reporting Project	
Project Description:	Existing Practice Management application was originally designed and produced using VB5 and later modified/updated using VB6, which is considered out of date and is no longer officially supported by Microsoft. Given the Microsoft-relate nature of client's products, it has been a natural next step to migrate Practice Management to .NET and Reporting subsystem to MS Reporting Services. The goal of this project has been to create new reporting solution based on MS Reporting Service and port existing reports to new platform.
Customer:	US company
Involvement Duration:	12 months
Project Role:	Software Engineer
Responsibilities:	- Writing business logic in T/SQL stored procedures, functions etc. - Customizing existing modules. - Performance optimization. - Designing reports in Business Intelligence Development Studio 2008. - Reports delivering
Project Team Size:	8-10 team members
Tools & Technologies:	MS SQL Server 2008 R2, MS SQL Server Business Intelligence Development Studio 2008, .NET Framework 4,.NET COM Interop, MS Visual Studio 2010, Rhino.Mocks, MS SQL Server Reporting Services
ERP System for Retail, Finances	
Project Description:	Working on customization of the ERP system in accordance with customers business processes, i.e. Retail, Stocks, HoReCa, Finance modules.
Customer:	Ukrainian customer
Involvement Duration:	1.5 years
Project Role:	Database developer
Responsibilities:	- Implementation of the customers business process and integration into existing ERP system modules - Clarification of functional and non-functional requirements - Solution deployments on the end customers environments - Integration with external hardware, i.e., barcodes scanners, barcodes printers, etc. - Conducting software usage related trainings sessions for customers - Implementation and maintaining of data replication for large retails customers.
Project Team Size:	10 – 12 team members
Tools & Technologies:	MS SQL Server, Crystal Reports, FastReports, SSIS, Data replication
Corporative ERP system enhancement and support	
Project Description:	Maintenance and support large Ukrainian corporation (1000 + employees) ERP system business process
Customer:	Ukrainian customer
Involvement Duration:	3.5 years
Project Role:	DB Developer, DBA

Responsibilities:	- Customizing corporative ERP system - Writing business logic in T/SQL stored procedures, functions etc. - Responsible for customizing existing modules - Configuring data roles, creating new user accounts - DB Servers administering
Project Team Size:	7-12 team members
Tools & Technologies:	MS SQL Server, Delphi, Crystal reports, FastReports, SSIS, Data replication, Internal OLAP module

Certifications

PCEP - Certified Entry-Level Python Programmer 2022	
Google Cloud Certified - Professional Data Engineer. 2021	
Implementing a Data Warehouse with Microsoft SQL Server 2012/2014 2018	
HIPPA Nevco 2014	

Education

B. Sc. Degree in Programming
Dnipropetrovsk National University of railway transports
Department of technical Cybernetics
Graduated in 2006