

# VAHID AZIZI

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## SUMMARY

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Detail-oriented and results-driven with a strong background in SQL development, data integration, and enterprise software solutions. Skilled in working with databases, optimizing queries, and creating reports using tools like SQL Server, Power BI, Tableau, Crystal Reports and SSRS. Experienced in ETL processes, data visualization, and automating workflows to improve efficiency. Familiar with CI/CD practices, version control (Git), and monitoring database infrastructure to ensure reliability. Enjoy solving problems, collaborating with teams, and turning data into useful insights that help businesses make better decisions.

## SKILLS

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**Data Analytics:** Data Interpretation, Data Sourcing, Data Profiling, Data Wrangling, Data Curation, Predictive Modeling

**Technical Skills & Tools:** Power BI, Tableau, SSRS, Crystal Reports, Jasper Reports | SQL Server Integration Services (SSIS) | Microsoft 365 (Excel, Word, PowerPoint, Outlook, OneNote, Visio), Google Workspace, Microsoft Teams, Slack, Zoom.

**Programming & Databases:** SQL Server, PostgreSQL, MySQL | **SQL Development:** T-SQL, Stored Procedures, Query Optimization | **Programming Languages:** Python, Visual Basic | **Web Development:** HTML5, CSS, JavaScript

**Other Relevant Skills:** Database Design & Optimization (Indexing, Normalization, Performance Tuning) | **Software Development Lifecycle** (Agile, Scrum, Waterfall) | **Version Control & Collaboration** (Git, GitHub) | **ETL & Data Integration** (Data Migration, API Integration, Automated Workflows).

## EXPERIENCE

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### Amazon, Lachine, QC, Canada (Sep 2021– May 2025)

- **Amazon Robotics Floor Monitor**
  - Troubleshooting and resolving issues with robots to ensure their proper functionality.
  - Monitoring the operation of the Amazon Robotics (AR) through backend software application.
- **Inbound Ambassador**
  - Explaining rules and policies that new associates follow when working at an Amazon site.
  - Answering questions and providing guidance to new associates in relation to their path.
  - Performing daily audits on new hires to check their progress and suggest areas of improvement.

### SanadPardaz Co., Tehran, Iran (APR 2005 – APR 2021)

- **ERP Software Developer (2015-2021)**
  - Analyzed user needs and contributed to design the ERP system architecture to ensure it meets business requirements for various modules, enhancing system functionality and performance.
  - Collaborated on the design and development of ERP modules for Financial Accounting, Fixed Asset Management, Inventory Management, Inventory Accounting, Sales, and Purchasing using Visual Basic, streamlining operations and improving user experience.
  - Contributed to the design and implementation of responsive websites using HTML, CSS, and JavaScript, ensuring smooth integration with ERP modules and improving user experience.
  - Developed an email engine that automatically sends HTML-formatted emails from the Sales System, automating communication and improving operational efficiency.
  - Improved SQL database structure by normalizing data models, optimizing relationships, and reducing redundancy to ensure better data management and retrieval speed.
  - Optimized SQL queries by analyzing execution plans and indexing strategies, significantly improving loading speed and performance of database operations.
  - Developed and maintained database objects including Stored Procedures, Functions, Indexes, and Triggers, ensuring efficient data handling, enhanced system performance, and scalability.

**Technical Environment:** Visual Basic, HTML, CSS, JavaScript, SQL Server, T-SQL, SQL Server Management Studio (SSMS), Visual Studio, ERP System Design, Data Modeling, SQL Query Optimization, Email Automation, Agile Methodology, RESTful APIs, Object-Oriented Programming (OOP).

- **Senior SQL Developer (2008-2015)**

- Created and optimized SQL Server Stored Procedures, Functions, and Views using T-SQL, enhancing business logic and database efficiency.
- Imported data from diverse sources (e.g., MS Excel, MS Access, MS Word, PDF, XML, DBF, Text files) into SQL Server, ensuring data integrity and seamless integration across systems.
- Implemented SQL Server replication and configured Linked Servers to enable distributed data management and facilitate real-time data synchronization across environments.
- Performed database consistency checks using DBCC to ensure database reliability and data integrity across production systems.
- Improved SQL database structure by normalizing schemas, optimizing table relationships, and implementing indexing strategies to reduce redundancy and ensure optimal data retrieval.
- Optimized SQL queries by analyzing execution plans, implementing indexing strategies, and rewriting inefficient queries, significantly improving performance and loading speed.
- Designed, developed, and maintained critical database objects, including Stored Procedures, Functions, Indexes, and Triggers, ensuring high scalability, optimal performance, and long-term maintainability of database systems.
- Collaborated with Application Developers to design, implement, and maintain integrated database systems, ensuring they align with application requirements and performance standards.
- Designed and developed reports using Crystal Reports, delivering actionable insights to stakeholders and enhancing data-driven decision-making and reporting accuracy.

**Technical Environment:** T-SQL, DBCC, SQL Server Replication, Linked Servers, SSIS, SSRS, Crystal Reports, SQL Server Management Studio (SSMS), SQL Server Profiler, Data Migration, ETL, XML, JSON, Execution Plan Analysis.

- **SQL Developer (2005-2008)**

- Created and optimized complex SQL Server Stored Procedures, Functions, and Views, utilizing T-SQL to meet business requirements and ensure high-performance data operations.
- Identified, diagnosed, and resolved issues in existing Stored Procedures, Functions, and Views, improving code efficiency, data accuracy, and execution time.
- Wrote and tuned SQL queries to optimize performance by analyzing execution plans, indexing strategies, and rewriting inefficient queries. Applied best practices to minimize resource consumption and maximize data retrieval speed.
- Developed and maintained reports using Crystal Reports, creating dynamic, real-time reports that catered to business needs while ensuring accuracy and efficiency.
- Designed and developed interactive dashboards and reports using Power BI, integrating data from multiple sources to provide clear, actionable insights to stakeholders and management.
- Performed database performance tuning by optimizing queries, implementing indexing, and leveraging SQL Server Profiler and Database Engine Tuning Advisor to enhance SQL performance.

**Technical Environment:** T-SQL, Crystal Reports, Power BI, SSIS, SQL Server Management Studio (SSMS), SQL Server Profiler, Execution Plan Analysis.

## EDUCATION

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- **Bachelor of Science (B.S.) in Software Engineering** (Azad University, Karaj, Iran)

- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Database Systems, Software Design & Architecture, Computer Network, Software Testing & Quality Assurance

## CERTIFICATIONS

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- **Data Analytics (Correlation One Jan 2025-In Progress)**

- **Topics covered:** SQL, Tableau, Data Analysis, Statistical Programming Languages (Python, R), Data Visualization, Excel and Spreadsheets, Critical Thinking, Communication Skills, Problem-Solving, Attention to Detail

- **Relational Database Administration (DBA) (Issued by IBM Jun 2024)**

- Skills Acquired
  - Created, queried, and configured databases; accessed and built system objects such as tables.
  - Performed basic database management, including backing up and restoring databases, managing user roles, and setting permissions.
  - Monitored and optimized critical aspects of database performance.
  - Troubleshot database issues, including connectivity, login, and configuration problems.
  - Automated functions such as reports, notifications, and alerts.

- **Python for Data Science, AI & Development (Issued by IBM Apr 2024)**
  - Skills Acquired
    - Python programming logic including Variables, Data Structures, Branching, Loops, Functions, Objects, and Classes.
    - Proficiency in using Python libraries such as Pandas and Numpy, and developing code using Jupyter Notebooks.
    - Experience in accessing and web scraping data using APIs and Python libraries like Beautiful Soup.
- **Java EE Web Component Development (2018)**
- **Microsoft Power BI (2017)**
- **SQL Server Database Development (2005)**
- **Software Development (2005)**
- **Visual Basic Programming Language (2004)**

## PROJECTS

Company Name	Year	Company Name	Year
Iran Wood & Paper Industries (Chouka) Co	(2021)	Oghab Afshan Industrial & Manufacturing Co	(2020)
Kerman Negin Parto Co	(2020)	National Iranian Oil Co	(2019)
Sina tile Co	(2018)	Marjan tile Co	(2018)
Tabriz Tile Co	(2017)	Zarin Ghazal Co. (Daity)	(2016)
Farabi Petrochemical Co	(2016)	Iran Daru Pharmaceutical Co	(2011)

## PROJECTS DESCRIPTION

- Optimized and refactored SQL Server database objects by rewriting Stored Procedures, Functions, and Views to improve query execution time, reduce resource consumption, and enhance maintainability.
- Performed query tuning by analyzing execution plans, adding appropriate indexing strategies (Clustered, Non-Clustered, Covering Indexes, Indexed Views), and eliminating unnecessary computations to improve database efficiency.
- Refactored complex T-SQL queries into modular, reusable functions and procedures, improving code readability and reducing redundancy.
- Redesigned ETL workflows using SQL Server Integration Services (SSIS) to automate data extraction, transformation, and loading (ETL) processes, ensuring efficient and error-free data migration.
- Resolved database architecture inefficiencies by normalizing tables, optimizing data types, and restructuring relationships to improve data integrity and system stability.
- Developed automated reports using Crystal Reports, enhancing data visualization and reporting efficiency.
- Automated repetitive business processes using SQL scripts and stored procedures, reducing manual effort and improving operational efficiency.
- Collaborated with cross-functional teams to design and implement scalable database solutions that support business objectives and ensure system reliability.