

# Matin Maleki

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## Objective

**Technology professional with 17+ years of experience in software development**, currently pursuing a PhD and holding a Master's in Software Engineering. Expert in leading and building cross-functional teams and hands-on software development and research for adopting new solutions and technologies. Looking to secure a position as a **Manager of Software Development** where I can utilize my skills and experience to drive improvements and innovation.

## Skills & Abilities

- **Software Development:**  
Proficient in C# (17 years), JavaScript (10 years), C++ (6 years), Python (4 years), and Java (2 years).
- **Back-End:**  
Experienced in working with MS SQL (14 years), Azure SQL (8 years), Postgres (6 years), and MongoDB (2 years).
- **Front-End:**  
Skilled in ASP.Net (10 years), MVC.Net (8 years), JavaScript (8 years), and HTML / CSS (14 years).
- **Architecture:**  
Expert in N-tier (14 years), Microservices (5 years), and MVC (10 years) architectures.
- **AI & Processing:**  
Proficient in OpenCV (10 years) and TensorFlow (2 years).
- **Cloud Services:**  
Experienced in working with MS Azure (6 years), AWS (1 year), and Google Cloud (1 year).

## Experience

### Woodgrove Technologies Toronto (2020 – 2024)

#### Software Development Team Lead / Manager (2021 – 2024)

- Architected and implemented Azure cloud architectures for multiple projects, focusing on scalability and resilience.
- Established microservices and continuous delivery workflows.
- Designed and integrated fuzzy logic components to enable flexible decision-making under changing conditions and incomplete data.
- Planned and implemented a specialized database solution to capture thousands of data points per second.
- Conducted regular reviews to maintain system performance, security, and compliance.

#### Senior Software Developer (2020-2021)

- Designed and implemented scalable data ingestion processes for real-time monitoring, ensuring system resilience and fault tolerance across distributed environments.
- Developed intuitive, user-focused dashboards for time-series data, leveraging modern UI frameworks and analytics tools.

### DAC Group Toronto (2018 – 2020)

#### Application Developer

- Designed and developed a system to collect, process, and unify public data from multiple sources in real-time.
- Built a centralized platform to manage location-specific information, ensuring accurate, up-to-date records for each locale.
- Transitioned from a single, centralized MongoDB instance to a distributed Azure SQL Database architecture, achieving higher performance and reliability.

### Ericsson and Concordia University Magic Lab (2017 – 2018)

#### Research Assistant

- Designed systems with built-in redundancy and established automatic failover processes.

- Leveraged real-time observability tools and analytics to track critical metrics, promptly detect anomalies, and notify the right teams for immediate incident response.

## Publications

- *Developers Ultimate Guide: Linux Bash Scripting: Linux Basics to Advanced Topics and Bash Scripting in 12 Weeks*

## Education

- Doctor of Philosophy | Electrical and Computer Engineering | Concordia, Montreal, Canada (2017-2018)
- Master of Engineering | Software Engineering | Qazvin IAU, Iran (2017)
- Bachelor of Engineering | Software Engineering | Tehran, Iran (2013)

## Certifications & Licenses

- Master CIW Web Designer (2006)
- SQL Server Implementation and Maintenance (2008)
- Interaction Design Foundation: Human-Computer Interaction (2015)
- Interaction Design Foundation: Gamification-Creating Addictive User Experiences (2015)
- Microsoft Certified: Azure AI Fundamentals (2022)