Aliakbari S

Senior Software Engineer, 18+ years experience
Cambridge, Canada
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With over 18 years of experience in software development, including roles as Software Architect and CTO. Managed teams and developed comprehensive solutions. Orchestrated the migration of core subsystems in a modern municipal total solution from Dotnet 4.7 to Dotnet Core 7, serving over 4,000 daily active users.

INDUSTRIES: Environmental Management, Government and Public Sector

TECHNICAL SKILLS

• C#	18 years
• SQL Server	18 years
• ASP.NET MVC	18 years
• Entity Framework	18 years
• AngularJs	18 years

PROJECT DETAILS

• Automated and Interactive System for Global Lake Pollution 2023 - Now

Project Description: Created and deployed the first automated and interactive system for detecting and sharing information on global lake pollution, fostering collaboration among various stakeholders.
Responsibilities: Built a fully automated workflow for acquiring, processing, and displaying satellite imagery data. Designed and implemented a knowledge-based social media platform.
Technologies: AI, Satellite Imagery Processing, Web App Development
Industry: Environmental Management

• E-Government Citizen Portal 2014 - 2021

Project Description: Developed and deployed an e-government citizen portal catering to more than 4 million citizens and a thousand organizations, significantly reducing paper-based interactions.
Responsibilities: Spearheaded digital signature implementation, engineered a streamlined digital file system and automated reporting system, reduced frontend load times.
Technologies: Digital Signature, Web Development, Database Management
Industry: Government and Public Sector

EMPLOYMENT HISTORY

• Senior Technology Officer 2023 - Now

Description: Created and deployed the first automated and interactive system for detecting and sharing information on global lake pollution. Built a fully automated workflow for acquiring, processing, and displaying satellite imagery data.

• Team Leader, Principal Architect, Key Developer 2022 - 2023

Confidential
Description: Designed and developed a global network monitoring and management solution, reducing maintenance costs by 50%.

• Team Leader, Senior Developer 2014 - 2021

Kiakooshyar Rayaneh
Description: Spearheaded digital signature implementation for legal documents, developed and deployed an e-government citizen portal catering to more than 4 million citizens.

• Senior Full-stack Developer 2009 - 2015

Tadbir Information Technology

Description: Devised Iran's first cloud accounting app, boosting customer base by 25%.

• DotNet Developer 2006 - 2008

ITCVage Information Technology

Description: Successfully migrated 20 databases from FoxPro to SQL Server, optimizing data management for 30 million records.

EDUCATION

• Bachelors degree in Computer Software Engineering from Salman University 2006 - 2009

• Diploma degree in Computer Software Engineering from Azad University 2003 - 2006

LANGUAGES

• English - advanced

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