

BILL TENG

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Toronto, ON Canada

OBJECTIVE

Software Engineering Lead, Principal Software Engineer and Architect

SKILLS

- **Microsoft Certified Professional, Specialist and Solutions Developer (MCSD) and over 25 Years of practical experience with Technical Development & Leadership role** - custom system design, development and implementation on large, complex projects, including ERP, EHR, financial industry development and web-enabled larger global SaaS applications and architectures
- **Industry Background:** Power Energy, Engineering, Automotive and Cosmetic manufacturing, Financial, Hospital, Book Store, Hotel& Restaurants/ Spa, Construction, Healthcare and Software Solution Industry with all application software Life cycle development.
- **Operating Systems:** Windows and Microsoft Cloud Azure platform, Linux, Amazon Cloud AWS (EC2, ECS, S3 etc.)
- **Programming Languages:** 8 years Delphi, **10+ years Visual Studio. NET 2013/22, C#, MVC, ASP. NET/Core, ADO.NET, .NET 6/8**, SPA, WEB API, OData; excellent in T-SQL, HTML5, Rust, Go, n-tier architecture, **Micro-service**, WCF, Restful/SOAP API, AJAX, JavaScript, jQuery, Bootstrap, Knockout, VueJS, NodeJS, Sass/Less, Typescripts, CSS3 and TFS, GIT, Java (Android) mobile, CI/CD, Kafka and Knowledge of PHP, Python, RoR.
- **Management Systems (ERP& DB):** Excellent skills in Database administrator and BI developer fields - MS SQL Server 2000/2022, Azure SQL, Oracle8.0.5/9i/10g, **PostgreSQL**, DBISAM, MS Access97/2000, MYSQL, MongoDB, Draw.io, UML, Crystal Report, Big Data, Project Management and Microsoft Office SharePoint Server 2010/2013, Agile/Scrum with **JIRA**, etc.
- **Knowledge & Skill:** Networking fundamentals, including in firewalls, routers, switches, wireless routers and cabling, Microsoft Active Directory, DNS, DHCP, IIS, **Docker**, K8s, as well as administration, security and deployment, **AWS Cloud, Azure Cloud, Machine learning/AI**, NLP, IM protocol - XMPP, Google, etc.

PROFESSIONAL EXPERIENCE

- **Healthcare Systems & Technologies, LLC** **Oct 2015 – April 2025**
Principal Software Engineer Architectural design, PoC, engineer coaching, writing and reviewing clean code. Work on core EHR projects, full-stack microservice, multi-tier architecture SaaS applications on AWS Cloud platform. Using Microsoft technology stack, C#, Visual studio 2013/22, VS Code, .NET 8/9, SQL Server, and other cutting-edge technologies, design patterns, PostgreSQL, Git,Docker, K8s, IaC Terraform/Cloud Formation, Web Socket, WEB API, gRPC, Sass/Less, NodeJS, Typescripts, Web Components, Vue, React, Redis, RabbitMQ, Kafka, Event Sourcing, Actor Model etc.
- **MediResource Inc.** **June 2015 – Oct 2015**
Senior Software Engineer Work on Health Risk Assessment (HRA) project, .NET 4.5, ASP.NET, MVC5, ASP.NET WEB API 2.2, Bootstrap, OData, code first Entity Framework, SQL Server and C# technology was used for back-end; Front-end View and Angular JS, iQuery, bootstrap also be used.

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- **BOOK4TIME INC.**
Senior Software Engineer Extend and support the existing AWS Cloud hosted SaaS Cloud Business Management Software for the health, wellness and hospitality industries; Design and develop the cross device **RESTful API**, .NET 4.5, ASP.NET, MVC5, ASP.NET WEB API 2.1, JavaScript, Java (Android) mobile and C# technology was used; The 3rd party **Payment system integration**; working in an agile/scrum environment with QA, BA and DEV teams.

Dec 2013 – June 2015
- **SIMPLICITY COMPUTER SOLUTION COMPANY**
Chief Technology Officer/ Software Architect
Responsibilities:

 - **Designed, developed the Ortsbo** Real Time Chat, Global & Live platform, Internalization/Localization/ Translation/Phrase Book RESTful API and Ortsbo TV projects from 2010 to 2013 as **principal architect and project lead**. The projects were developed and designed by Microsoft latest .NET technology – **ASP.NET, MVC, Silverlight, XAML, C#, MVVM, HTML5, JavaScript, CSS3 and SQL Server/SQL Azure, Azure Cloud**
 - As a key role, **developed the Glass Manufacturing ERP** production system, design and implementation of new features, deployment of new releases, bug fixes and on-going maintenance of the database and the ERP application. Legacy system was developed by **Delphi7 and SQL Server**, upgrade with Delphi2010, **.NET, C#, MVVM technology and SaaS** applications pattern.
 - **Provide consulting services** to a wide variety of business, technical, system development and implementation project teams within the organization; Glass manufacturer ERP system, Social Service system, Mobile projects, Ortsbo projects and LivePerson, Salesforce 3rd party integration project etc. **As development Lead, architect, CTO and primary& core developer/designer**, created a new and famous innovated product – the Azure based application packages – Ortsbo, Global &Live and other core apps, SharePoint applications (Installation, development, ongoing maintenance) etc. Lead 4 development members of the team.

Nov 2006 – July 2013
- **NORTH AMERICAN CONSTRUCTION GROUP**
Sr. Database Engineer (contract) Developed and Fixed Construction Applications package with Delphi6/MS SQL Server 2000, DBISAM technology and interface with Engineering budget and Project management software Hard Dollar, P3 and JD Edward ERP etc. Especial integration with **JD Edward's financial DB interface** by Delphi/SQL

March 2006 – Sep 2006
- **CONTINUED ON the more professional experiences:** <https://www.linkedin.com/in/billteng/>

CERTIFICATION

Microsoft Certified Solutions Associate (MCSA): Web Applications (Charter Member), Sept 2016

Microsoft Certified Solutions Developer (MCSD): Web Applications, Oct 2013

Microsoft Certified Specialist (MS): Programming in HTML5 with JavaScript and CSS3, Oct 2013

Microsoft Certified Professional (MCP): ASP.NET MVC 4 & Azure Web Services certification, Sept 2013

EDUCATION

Wrexham University, Master's degree in Computer Science. June 2022

UC Davis Extension, Postgraduate Certificate in Health Informatics. Dec 2017

SHENYANG Electric Power Institute, Undergraduate Studies, Major in Computer Application. June 1991

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