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| **UMANG BHATT**  **Expert Software Engineer and Technical Lead** | Phone: +91 7405736779  Email: bhatt.umang7@gmail.com  Website: [umangbhatt.in](https://umangbhatt.in/)  LinkedIn: [linkedin.com/in/umangbbhatt](https://www.linkedin.com/in/umangbbhatt) |

**Professional Summary**

* Have 9+ years of experience in software development, maintenance, and surrounding activities.
* Cross-functional exposure to all internal teams.
* Technical lead on the product re-write team responsible for migrating ~2.8 MLOC WinForm application (VB6 and COM+ base NTier Application) to a web-based application.

**Key Skills**

* Outside-In Test-driven Development (TDD)
* Unit Testing and mocking (JustMock)
* Agile Software Development
* Estimation and planning for sprints
* Software performance engineering
* **Frontend/UI**: VB6 and Angular
* **Backend technologies**: Asp .Net Core, C#, API development, JSON, Serilog, Azure Dev. Ops
* **Database**: Microsoft SQL Server
* **Version Control**: Azure Dev. Ops with Git and TFS
* **Container/Cloud technologies**: Azure Service Fabric, Docker containers
* **MBTI result**: [ISTJ (“THE LOGISTICIAN”)](https://www.16personalities.com/istj-personality)
* **Top 5 Gallup strengths**: [Learner](https://www.gallupstrengthscenter.com/cms/en-us/gmj/694/learner), [Connectedness](https://www.gallupstrengthscenter.com/cms/en-us/gmj/649/connectedness), [Intellection](https://www.gallupstrengthscenter.com/cms/en-us/gmj/691/intellection), [Maximizer](https://www.gallupstrengthscenter.com/cms/en-us/gmj/697/maximizer), and [Deliberative](https://www.gallupstrengthscenter.com/cms/en-us/gmj/658/deliberative)
* **Other tools:** DebugDiag 2, ProcDump, Windows Performance Analyzer/Recorder, ProcMon, ANTS profiler, RedGate SQL Monitor

**Experience**

**Software Craftsperson (full stack developer)** at **Incubyte – May 2022 to Present**

* Working on a full stack application written in Angular, Java, and Microsoft SQL Server.
* Based on feedback from RedGate SQL monitor and query store, implemented major schema changes (table structure changes and index changes) to the SQL server database to match the user expectations.

**Expert software engineer** at **Allscripts India LLC – September 2013 to April 2022**

* Technical lead in the [tiger team](https://www.lucidchart.com/blog/what-is-a-tiger-team) for product re-write.
* Currently working on Asp.Net core and Docker/Service fabric (on-premises). Migrating old C# COM+ code to API backend based on C# Asp .Net Core and REST.
* Working with Architect, Security team, and development team. Recommend coding patterns, make architectural changes, document, and communicate the decisions.
* Unit testing patterns including mocking, dependency injection, etc.
* Reading SQL performance graphs conveying the problematic (high CPU/disk) areas to the DBAs.
* Skilled at digging up performance traces, identifying bottlenecks, and making fixes. Familiar with performance tools like Windows Performance Recorder/Analyser, Redgate Ants profiler, etc.
* Built the first iteration of builds on Azure team foundation system TFS for web backend and angular application.
* Basics on MSBuild to make tweaks if needed.
* Technical training across teams.
* Working with vendors to figure out the bugs in their product or understand the gaps in the documentation (for example, Microsoft).
* Started my career with bug fixing/maintenance on a WinForms application where the user controls were written in VB6, and the shell/MDI form was written in WPF. The backend was in VB6 COM+ which was migrated to C# COM+.
* Client-facing developer major incidents (L3) in past. I still occasionally do this.
* First point of contact for reading process dump using DebugDiag to understand the situations like hang, crash, etc.

**Education**

* **MSc IT – Charusat University – Changa, Gujarat – 2013**