

# UMANG BHATT

## Expert Software Engineer and Technical Lead

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### Professional Summary

- Have 8+ years of experience in software development, maintenance, and surrounding activities.
- Cross functional exposure to all internal tea.
- Technical lead on the product re-write team responsible for migrating ~2.8 MLOC WinForm based application (VB6 and COM+ base NTier Application) to a web-based application.

### Key Skills

- Unit Testing and mocking (JustMock)
- Agile Software Development
- Estimation and planning for sprints
- Software performance engineering
- **Frontend/UI:** VB6, Started with Angular 12
- **Backend technologies:** Asp .Net Core, C#, API development, JSON, Serilog, Azure TFS build
- **Database:** Microsoft SQL Server
- **Version Control:** Microsoft Team foundation
- **Container/Cloud technologies:** Azure Service Fabric, Docker containers
- **MBTI result:** [ISTI \("THE LOGISTICIAN"\)](#)
- **Top 5 Gallup strengths:** [Learner](#), [Connectedness](#), [Intellection](#), [Maximizer](#), and [Deliberative](#)
- **Other tools:** DebugDiag 2, ProcDump, Windows Performance Analyzer/Recorder, ProcMon, ANTS profiler

### 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 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](#) 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**