

UMANG BHATT

Expert Software Engineer

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Professional Summary

- Have 9+ years of experience in software development, maintenance, and surrounding activities.
- At Allscripts, the technical lead on the cross-functional product re-write team was 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
- Sprint estimation and planning
- 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 \("THE LOGISTICIAN"\)](#)
- **Top 5 Gallup strengths:** [Learner](#), [Connectedness](#), [Intellection](#), [Maximizer](#), and [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 in Angular, Java, and Microsoft SQL Server.
- Based on feedback from RedGate SQL monitor and query store, implemented 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](#) for product re-write.
- Worked 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 in WPF. The backend was in VB6 COM+, which was migrated to C# COM+.
- Was part of the L3 team in the initial years. Continued guiding the L3 team even after moving to development for issues like reading process dump using DebugDiag to understand the situations like hang, crash, etc.

Education

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