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.
- Only developer on the team with exposure to maintenance team (L3), performance engineering team, Dev. Ops team (formerly Change Management and Release Engineering – CMRE), database administrators, architects, third party vendors and internal development and support teams.
- 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**: 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

Experience

Expert software engineer at Allscripts India LLC – September 2013 to Current

- Being a top performer consistently, chosen as 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.
- Go-to person for performance problems in application. 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. Also, familiar with MSBuild basics to make tweaks if needed.
- Training new and existing developers about new patterns and standards.
- 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+.
- Was part of the Developer on-call for L3 team which handled all the escalations from clients. I still occasionally help L3 team in conversations with the customers if the problems are complex.
- First point of contact for reading process dump using DebugDiag to understand the situations like hang, crash, etc.

Awards

- Got total of 12 awards during 2020 and 2021 from peers and managers. More details are on page https://umangbhatt.in/blog/awards. I received awards at same frequency during my tenure at Allscripts.

Education

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