



MANISH RANJAN MAHANTA

Senior Software engineer

7.6+ years of proven SDLC experience architecting, leading, developing, deploying & maintaining several enterprise software, RESTful web projects & Windows services. Innovative, detail-oriented, versatile professional & fast-learner with a problem-solving attitude, strong debugging & analytical skills & a passion for quality, performance, & excellence.

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Portfolio

EDUCATION

National Institute of Technology, Surat
B. Tech,
Computer Engineering
05/2016

SKILLS

- C# .NET
- RESTful APIs
- Data Structures & Algorithms
- OOP Design Patterns
- HLD System Design
- Azure | AWS
- DevOps | CI/CD
- Agile | SCRUM
- Unit Testing

CERTIFICATIONS

- AZ-900 Azure
- AWS Cloud Practitioner

ACHIEVEMENTS

- Control Plane Patent [\[Patent - Link\]](#)
- Exceed Award
- Fastest AE-SE Promotion
- State Rank in NSTSE

WORK EXPERIENCE

UNISYS CORPORATION, Bengaluru, KA

Senior Engineer

04/2021 - PRESENT

AWS, Azure & VMware Cloud Adoption

- Led roadmap planning & execution of Cloud Platform adoption, collaborating with global & external leaders, which was the MSP in acquisition of **\$144M** contract. **[Exceed Award]**

Version Compliance Suite 2.0 - RESTful APIs | C# .NET Core | Blazor SPA.js | MariaDB

- Led development of automated multi-threaded information retrieval API, reducing processing time by **20%** and increasing data depth by **3x**.
- Resolved JIRA & SonarQube vulnerabilities & issues by analyzing, troubleshooting and debugging RESTful APIs, making code fixes and documenting findings.
- Collaborated with remote management, development & test teams.

Mainframe Lifecycle Suite - Windows APIs | C++ | Sockets | Systems Programming

- Responsible for maintenance of legacy complex project to extend product support.
- Handled JIRA bugs & issues, involving extensive troubleshooting and debugging, and making code fixes.
- **Patent Holder** for control/status handshake mechanism. [\[Patent - US 15/933,662\]](#)

Call Home - SLES Linux | Perl Scripting | SSL Sockets

- Responsible for enhancing components to leverage secure TLS/SSL Sockets.
- Refactored legacy PERL scripts in SLES Linux to replace unsecured socket communications with Secure SSL Sockets

Mentor Experience

- Mentored associates and fostered a team-culture of *doing it right the first time* by emphasizing on design, high code standards, code reviews, high coverage unit tests.

Systems Engineer

07/2017 - 03/2021

Version Compliance Suite 1.0 - RESTful APIs | C# .NET Core | Blazor SPA.js | MariaDB

- Led development teams to re-design APIs & leverage algorithmic improvements, improving reporting output by **10x** & performance by **15%**.

Soft Tape Manager 2.0 - RESTful APIs | C# .NET Framework | SPA.js | SQL Server | Distributed Systems

- Team leader for SDLC of 2nd release, responsible for migrating to distributed architecture, improving availability, resulting in revenue increase by **15% YoY**.

Associate Engineer

06/2016 - 06/2017

Soft Tape Manager - RESTful APIs | C# .NET Framework | SPA.js UI/UX | SQL Server | Systems Programming
Full stack development with tape emulation logic in backend incorporating SMB-CIFS for data-plane & RESTful API for control plane.

PROJECTS

BetterCoder.in - OAuth 2.0 | ASP .NET MVC + Razor Pages (Previously on React.JS) | Azure SQL | Azure Web Apps (SaaS)

Developed website with practice roadmap of community curated and categorized LeetCode questions with solutions, to upskill problem solving skills in computer science by data-structures and algorithms.

OpenAI Voice Assistant - Python | Open AI GPT 3 API

Developed a minimalist interactive voice assistant which listens to the user voice commands, analyzes it and responds considering the context set by previous inputs as well, in the same language.