

Manish Ranjan Mahanta

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Summary

A Senior Software Engineer with **7.6+ years** of proven SDLC experience architecting, leading, developing, deploying, debugging & maintaining several enterprise-grade applications, RESTful web projects & Windows services.

Innovative, detail-oriented, versatile professional & fast-learner with a problem-solving attitude, strong debugging and analytical skills and a passion for quality, performance, and engineering excellence.

Work Experience

UNISYS INDIA, 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.

Mainframe Lifecycle Manager – 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. [\[Patent - US 15/933,662\]](#)
- Developed tool to automate manual sub-installers packaging process.

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.

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. **[Exceed Performance Award]**

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.

Education

National Institute of Technology (NIT) Surat

-May 2016

Bachelor of Technology,
Computer Engineering

Skills

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

Cloud Certifications

- AZ-900 Azure
- AWS Cloud Practitioner

Hobbies

- Photography
- Travelling
- PC Games
- Basketball
- Table Tennis