

Manish Ranjan Mahanta

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Summary

A Senior Software Engineer with **7.6+ years** of proven SDLC experience architecting, leading, developing and deploying 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

- Drove roadmap planning for adopting & supporting VMware, AWS & Azure Cloud Platform (PaaS) collaborating with global & external leaders, ensuring **99.9%** uptime, which was the key factor in acquisition of **\$144 million** contract.

Diagnostic Collection Suite - RESTful APIs | C# .NET Core | SPA.js | MariaDB

- Led design & development of automated multi-threaded information retrieval API, which improved average bug resolution time by **25%**.
- Worked independently to create GitLab DevOps CI/CD pipelines with Build (MSBuild), Test (MSTest), Code Analysis (SonarQube) and Deploy (MSDeploy) stages on multiple parallel worker machines. **[Exceed Performance Award]**

Version Compliance Suite - Web Development | C# .NET Core | Razor Pages | MariaDB

- Led planning, architecture & development and delivery, re-designing APIs & leveraging parallel programming and algorithmic improvements, improving reporting output by **10x** & performance by **15%**.
- Collaborated & worked cross-functionally with various teams (product management, testing & documentation teams) to drive product release.

Mentor Experience

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

Systems Engineer

07/2017 - 03/2021

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

- Team leader for complete SDLC of 2nd release, responsible for incorporating to distributed highly available, scalable, reliable and fault tolerant architecture, improving Suite revenue by **15% YoY**.

Associate Engineer

06/2016 - 06/2017

Mainframe Lifecycle Manager - Win32 APIs | C++ | Sockets | Systems Programming

- Refactored socket communication in large codebase of enterprise scale business critical application to fix bugs & incorporate TLS, improving security.

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. **[Patent - US 15/933,662]**

Projects

BetterCoder.in - OAuth 2.0 | ASP .NET MVC | Razor Pages | 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
- JavaScript
- Razor Pages
- Unit Testing

Cloud Certifications

- AZ-900 Azure
- AWS Cloud Practitioner

Hobbies

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