

# Manish Ranjan Mahanta

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## Summary

A detail-oriented, versatile professional with **7.5+** years of Software development experience in architecting, leading, developing and deploying several enterprise grade applications, web projects & services in C# .NET + Razor / SPA.js. Fast-learner with a can-do attitude and a passion for developing simple strategies to solve complex problems.

## Skills

- |                  |                 |               |                     |
|------------------|-----------------|---------------|---------------------|
| • C# .NET        | • DSA           | • Team Leader | • Azure & AWS Cloud |
| • MVC   REST API | • DevOps CI/CD  | • Mentor      | • Unit Test (NUnit) |
| • System Design  | • Agile (SCRUM) | • RESTful API |                     |

## Work Experience

### Unisys India Pvt. Ltd, Bengaluru, KA

06/2016 – present

#### **Senior Engineer**

04/2021 – present

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

- Led architecture & development of automated detection & diagnostic collection API, which improved average issue/bug turnaround time by 25%.

Version Compliance Suite - RESTful APIs | C# .NET Core | Razor Pages | MariaDB

- Led architecture & development for 2<sup>nd</sup> release, redesigning core - monitoring & reporting API and leveraging algorithmic improvements & design patterns, improving reporting output by **10x** & performance by 15%

AWS, Azure & VMware Cloud Adoption

- Drove roadmap planning for adopting & supporting VMware, AWS & Azure Cloud Platform collaborating with global & external leaders, which was the key highlight in acquisition of **\$144 million** client contract.
- SME & Team Leader for multiple teams to evaluate AWS, Azure & VMware Cloud platform, exploring possibilities & challenges in architecting & migrating OS stack, increasing availability to 99.99%.

#### Mentor Experience

- Fostered a team-culture of *doing it right the first time* by emphasizing on careful design & analysis and setting high code standards by stringent reviews & high coverage Unit Tests.
- Mentored associates by involving them in architectural and high-level bug analysis discussions to incorporate *open, honest and inclusive approach* to problem solving, incorporating essential system design skills.

#### **Systems Engineer**

07/2017 – 03/2021

Soft Tape Manager - RESTful APIs | C# .NET Core | SPA.js | SQL Server

- Team leader for complete SDLC of second release, responsible for development of full-stack, communicating with other teams to deliver high quality solution from initial product design to production, improving Suite revenue by 15% YoY, bringing in \$12.6 million contract. [**Silver Recognition Award**]
- Improved DevOps process reducing build time 25% by strategically restructuring pipelines.

#### **Associate Engineer**

06/2016 – 07/2017

- Led core tape emulation mechanism architecture and development, leveraging CIFS, Windows APIs, Linux Shell Scripts for data-plane, along with RESTful API for control plane. [**Patent - US 15/933,662**]

## Projects

BetterCoder.in – Open Source | ASP .NET MVC | React.js | Azure SQL

- Goal to upskill the core Computer Science competencies with practice roadmap for reinforcing data-structures and algorithms with carefully curated and categorized LeetCode questions with solutions.

OpenAI Voice Assistant - Python | Open AI GPT 3 API

- 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

NIT Surat - B. Tech | Computer Engineering

May 2016