

Manish Ranjan Mahanta

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Summary

A detail-oriented, versatile professional with **7.6+** years of Software development lifecycle experience in architecting, leading, developing and deploying several enterprise grade applications, web projects & services.

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 |
| • Design Patterns | • DevOps CI/CD | • Mentor | • ES6+ React.js |
| • System Design | • Agile (SCRUM) | • RESTful API | • Unit Test TDD |

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 2nd release, redesigning core - monitoring & reporting API and leveraging algorithmic improvements & design patterns, improving reporting output by **10x** & performance by 15%
- Collaborated & worked cross-functionally with various teams (product management, sub-product teams, other business units, testing & documentation teams) to drive product release.

AWS, Azure & VMware Cloud Adoption

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

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.
- Mentored associates by involving them in architectural PoCs, imparting knowledge as SME for system design and high-level bug analysis discussions to incorporate *open, honest and inclusive approach* to problem solving.

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 developing full stack features including UI/UX, 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 CI/CD 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 | Azure Web Apps

- 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