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 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 information retrieval API, which improved average bug resolution time by **25**%.

Version Compliance Suite – Web Development | C# .NET Core | Razor Pages | MariaDB
- Led architecture & development, re-designing APIs & leveraging 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
- 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 discussions, research PoCs, and high-level bug analysis to incorporate *open, honest and inclusive approach*.

Systems Engineer   **07/2017 – 03/2021**

Soft Tape Manager 2.0 - RESTful APIs | C# .NET Framework | SPA.js | SQL Server | Distributed Systems
- Promoted in within 12 months for exceeding goals & taking additional responsibilities, making it one of the fastest promotions in the organization.
- Team leader for complete SDLC of 2nd release, responsible for adapting to distributed highly available, scalable, reliable and fault tolerant architecture, improving Suite revenue by **15% YoY.**
- Worked independently to improve GitLab DevOps process reducing build time **25%** by strategically restructuring pipeline stages. **[Exceed Performance Award]**

Associate Engineer   **06/2016 – 06/2017**

Mainframe Lifecycle Manager – Win32 APIs | C++ | Sockets
- Refactored socket communication in large codebase of enterprise scale business critical application to incorporate TLS, improving security.

Soft Tape Manager - RESTful APIs | C# .NET Framework | SPA.js | SQL Server
- 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 | 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
- JavaScript
- Razor Pages
- React.js

Cloud Certifications

- AZ-900 Azure
- AWS Cloud Practitioner

Hobbies

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