MANISH RANJAN MAHANTA
Senior Software engineer

7.6+ years of proven SDLC experience architecting, leading, developing, deploying & maintaining several enterprise software, RESTful web projects & Windows services. Innovative, detail-oriented, versatile professional & fast-learner with a problem-solving attitude, strong debugging & analytical skills & a passion for quality, performance, & excellence.

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📍 Bengaluru, KA

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in linkedin.com/in/manish-ranjan-mahanta

github.com/marma-dev
💼 Portfolio

EDUCATION

National Institute of Technology, Surat
B. Tech,
Computer Engineering
05/2016

SKILLS

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

CERTIFICATIONS

- AZ-900 Azure
- AWS Cloud Practitioner

ACHIEVEMENTS

- Control Plane Patent [Patent - Link]
- Exceed Award
- Fastest AE-SE Promotion
- State Rank in NSTSE

WORK EXPERIENCE

UNISYS CORPORATION, Bengaluru, KA

Senior Engineer   04/2021 - PRESENT

<u>AWS, Azure & VMware Cloud Adoption</u>
- Led roadmap planning & execution of Cloud Platform adoption, collaborating with global & external leaders, which was the MSP in acquisition of **$144M** contract. **[Exceed Award]**

<u>Version Compliance Suite 2.0</u> - 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.

<u>Mainframe Lifecycle Suite</u> – 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]

<u>Call Home</u> – 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

<u>Mentor Experience</u>
- 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

<u>Version Compliance Suite 1.0</u> – 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**%.

<u>Soft Tape Manager 2.0</u> - 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

<u>Soft Tape Manager</u> - 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

<u>BetterCoder.in</u> – 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.

<u>OpenAI Voice Assistant</u> - 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.