

# Megha Manoj

.NET Developer

## Professional summary

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Backend .NET Core developer with 3 years of experience in Web API development, specializing in creating and maintaining web applications for ship management clients. Seeking a rewarding opportunity to leverage my technical expertise and contribute to the success of a collaborative team.

- Strong expertise in developing and optimizing RESTful APIs using .NET Core, leveraging object-oriented programming principles in C# to build scalable, high-performance applications with seamless database integration using PostgreSQL
- Experienced in agile scrum methodology, ensuring efficient project execution and collaboration.

## Contact

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## Work Experience

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### Software Engineer, ThinkPalm Technologies Pvt Ltd

#### Ship Management Application Central (SMAC)

Dec 2024 – Present

SMAC is a ship management solution built for Synergy Maritime Pvt Ltd and funded by Synergy and ThinkPalm. The AI Noon Reporting module in SMAC is designed to optimize ship-to-shore communication and enhance operational transparency.

- **Role:** .NET developer
- **Team Size:** 12
- Developed and optimized RESTful APIs using .NET Core for listing, saving, and managing reports in the AI Noon Reporting Application.
- Collaborated with cross-functional teams to create a scalable, product-ready solution for wider adoption in shipping management.
- Implemented unit tests to verify application logic and improve code quality
- **Tech Stack:** C#, .NET Core, ASP.NET Core web API, PostgreSQL, Entity Framework Core, xUnit

#### Vessel ScoreCard

Feb 2024 – Nov 2024

Vessel scorecard is a tool that can help assess the performance of the company's vessels and make data-driven decisions regarding vessel selection and contracts, thus optimizing the overall supply chain process.

- **Role:** .NET developer
- **Team Size:** 6
- Developed RESTful APIs using ASP.NET Core for CRUD operations.
- Coordinated with the DWH team to integrate and enhance data processing.
- Created and executed unit tests using xUnit to validate application logic and enhance code quality.
- **Tech Stack:** C#, .NET Core, ASP.NET Core web API, PostgreSQL, Entity Framework Core, xUnit

#### Maridock-Complete Drydocking Solution

Jan 2023 – Feb 2024

MariDock is a dry-docking management software that streamlines and automates vessel maintenance workflows, ensuring efficient and structured handling of periodic repairs and inspections.

- **Role:** .NET developer

- **Team Size:** 16
- Created and optimized RESTful APIs using ASP.NET Core for CRUD operations.
- Developed Excel export functionality across multiple modules to enable seamless data sharing and reporting.
- Established role-based access control to manage user permissions
- Collaborated with cross-functional teams, including developers, designers, and stakeholders, to design and implement new features, ensuring alignment with business objectives
- Executed unit testing to improve application reliability and maintain code quality.
- **Tech Stack:** C#, .NET Core, ASP.NET Core web API, PostgreSQL, Entity Framework Core, xUnit

## Skills

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|-----------------|-----------------|
| • ASP .NET Core | • REST API      |
| • C#            | • GitHub/GitLab |
| • LINQ          | • Unit Testing  |
| • PostgreSQL    | • AWS           |

## Strengths

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- Dedication to continual learning
- Collaboration and knowledge sharing
- Commitment to best practices

## Academic History

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**College of Engineering, Cherthala,** BTech(Honors) in Computer Engineering

Aug 2018 – July 2022

- CGPA: 8.35/10.0

## Achievements

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- Received best delivering project award.
- Received client appreciations for timely deployment on UAT/PT environments.