

# KUMARESH MURUGAVEL

.NET Full Stack Developer | C# | SQL | Angular

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## SUMMARY

Experienced .NET Full Stack Developer with 2 years of hands-on experience in building modern, data-driven applications using C#, Angular, and SQL. Demonstrated 1 year 7 months of impactful contribution at a product-based firm, specializing in low-code platforms and microservices. Skilled in Entity Framework Core (EF Core), Agile practices, and committed to delivering high-quality, maintainable enterprise solutions.

## EXPERIENCE

### Associate Software Developer

#### Boston Harbor Consulting Pvt Ltd

10/2023 - 06/2025 Chennai, India

- Developed a scalable low-code platform using .NET Core Web Applications and Micro-services architecture
- Resolved over 200 bugs across multiple modules within a year, significantly enhancing product stability, as tracked in Jira
- Achieved an estimated 20-30% reduction in bugs per module through focused debugging and code quality improvements.
- Contributed to the monolithic-to-micro-services migration, handling approximately 30% of each module's back-end conversion.
- Write clean, maintainable, and reusable code with a strong focus on performance, refactoring, and timeliness
- Focused on delivering high-quality code by conducting thorough unit testing to minimize bugs and ensure reliable functionality.
- Implemented version control features using Graph QL queries within Monaco Editor and the Roslyn compiler platform
- Built multiple reusable components for the object module Microservices within the low-code platform.
- Dedicated to delivering high-quality code, consistently maintaining 8 hours of focused development work daily, including weekend support when required.

### Junior Frontend Developer (Intern)

#### VYZA Solutions Ltd

03/2023 - 08/2023 Chennai, India

- Led a team of 10+ interns, conducting daily stand-up and review calls (morning and evening) to assign tasks, track progress, and maintain individual performance reports shared with management
- Designed, developed, and deployed scalable and fault-tolerant web applications that ensure high availability, minimal downtime, and optimal performance across environments
- Demonstrated strong understanding of front-end architectural best practices, including component-based design, modular coding patterns, and state management using ReactJS.
- Enhanced UI/UX by improving design consistency across 3 major projects, resulting in a 20% increase in user satisfaction.

## CERTIFICATION

### Certified in .NET Full Stack Development –Coursera

Completed a certification program on .NET Development from Coursera.

### C# Developer Program Completion Certificate-Microsoft

Completed a certification program on C# Development from Microsoft.

### Angular Certified

Underwent a comprehensive training on Angular framework from Udemy.

## TECHINICAL SKILLS

C#	.NET	SQL Server	Azure
Linq	Python	Entity Framework Core	
ASP.NET CORE		ASP.NET MVC	
Postman	RESTful APIs	Dapper	
Unit of Work		Repository Pattern	
OOPS	xUnit	Package manager	GIT
(T-SQL)	Source Control		
Data Structure		NUGET	
Angular	React.js	HTML	CSS
JavaScript	Typescript	NODE JS	
NPM	Rxjs	Context API	Bootstrap
PrimeNG	jQuery		

### SOLID Principles

### Agile Scrum And Methodologies

## KEY ACHIEVEMENTS



### Microservices Migration

Refactored 30% of monolithic backend modules into scalable microservices using .NET Core, improving maintainability and deployment flexibility.



### Major Bug Fix Drive

Resolved 200+ bugs across critical modules, leading to a 30% drop in recurring issues and significantly enhancing platform stability.



### Team Collaboration

Worked in cross-functional Module teams, successfully executed agile methodologies, and Proven Track Record Working Other Modules. Ensured timely completion of projects.



### Team Leadership & Agile Delivery

Led a team of 5+ interns with structured daily stand-ups and performance tracking, ensuring consistent progress and delivery in an Agile environment.

## PROJECTS

### Dall-E Clone

AI-based image generator that transforms text descriptions into corresponding images, inspired by DALL·E. Developed an AI-based image generator using OpenAI, which translates text descriptions into images, inspired by DALL·E. Leveraged OpenAI to produce over 100 unique images based on user text input, leading to a 5% increase in user engagement.  
Technologies Used: React.js, Tailwind CSS, Express.js, OpenAI API.

### Employee Attendance Tracking with Barcode

A Python-based application allows users to track employee attendance via scanning. Developed a Python-based application that streamlined employee attendance tracking using barcode scanning. Implemented real-time detection techniques, reducing manual verification by 75%.  
Technologies Used: Python, OpenCV, and related libraries.

## LANGUAGES

English  
Native



English  
Proficient



## EDUCATION

### Bachelor's Degree in Computer Science

Jeppiaar Institute Of Technology

📅 04/2019 - 06/2023 📍 Chennai, India

### Higher Secondary Education HSC

Kcs Sangarlinga Nadar School

📅 04/2016 - 05/2017 📍 Chennai, India

### Secondary School Certificate SSC

Sacred Heart Matric School, Chennai

📅 04/2016 - 05/2017 📍 Chennai, India

## ADDITIONAL SKILLS

Adaptability

Figma

Leadership

Presentation Skills

Web Design

Adobe XD