

# NIKITHA MAYREDDY

Grafton, WI

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• Portfolio: <https://nikithamayreddy56.github.io/Portfolio/>

## PROFESSIONAL SUMMARY

Detail-oriented .NET Developer with over **5+ years of practical experience** in designing, developing, and deploying scalable applications using C# and .NET technologies. Experience spans professional employment, freelance projects, and academic initiatives, with strong skills in API development, authentication, database design, and clean coding practices. Passionate about continuous learning and delivering high-quality software solutions.

## TECHNICAL SKILLS

- **Programming Languages:** C#, SQL, Python, JavaScript, HTML, CSS, XML
- **Frameworks & Technologies:** ASP.NET Core, ASP.NET MVC, ADO.NET, Entity Framework, SSIS
- **Tools & Platforms:** Git, Swagger, Postman, Visual Studio, Azure DevOps
- **Cloud Platforms:** Microsoft Azure, Amazon Web Services (AWS)
- **Database & ETL:** SQL Server, T-SQL, SSIS, Data Modeling, Stored Procedures
- **Scripting & Data Analysis:** Python (Pandas, NumPy), SQL Queries, Excel (Pivot Tables, VLOOKUP)
- **DevOps & CI/CD:** Azure DevOps Pipelines, Git, Build Automation
- **Professional Skills:** System Administration, Troubleshooting, Technical Documentation, Agile Team Collaboration

## EXPERIENCE

### Sr .NET Developer – Freelance Projects (Remote)

*Oct 2023 – Present*

#### **Project: Habit Tracker Mobile App (In Progress)**

**Tech Stack:** Flutter, Dart, ASP.NET Core, REST API, SQLite, Firebase (planned)

- Designing and developing a cross-platform mobile application to help users build, monitor, and maintain daily habits.

- Planned features include user authentication, habit scheduling, daily reminders, visual progress tracking, and secure cloud syncing.
- Backend is being built using ASP.NET Core RESTful APIs with token-based authentication.
- Focused on clean UI/UX, responsive design, and scalable architecture to support future growth.
- Project is scheduled to launch its first MVP by end of August 2025.
- Developed and maintained C# ASP.NET Core Web API supporting 20,000 daily users, built using Entity Framework and Azure SQL.

### **Project: Expense Tracker API**

**Tech Stack:** ASP.NET Core Web API, EF Core, SQL Server, JWT Auth, Swagger, Postman

- Developed a secure RESTful API using ASP.NET Core Web API and EF Core.
- Implemented JWT-based authentication and full CRUD operations.
- Designed database schema for users, transactions, and categories.
- Added Swagger for API documentation and Postman test suite for testing.
- Built interactive front-end UIs with React, integrating with .NET back-end via REST endpoints.

### **Project: Online Book Store Backend**

**Tech Stack:** ASP.NET Core Web API, EF Core, SQL Server, Repository Pattern, SOLID, Server-side Validation, Pagination

- Built an e-commerce backend to manage books, orders, customers, and payments.
- Used layered architecture with repository pattern and SOLID principles.
- Integrated server-side validation and pagination for product listings.
- Managed automated build/deployment pipelines in Azure DevOps and version control with Git.
- Designed SSIS packages for ETL processes, synchronizing data across multiple SQL Server databases.

## **.NET Developer**

*Capgemini Technology services Ltd, Bangalore – Nov 2021 to July 2023*

### **Project: Web Technology API**

- Built web applications and services using ASP.NET Core and C#.
- Wrote and decoded test cases to ensure software reliability.
- Collaborated with cross-functional teams to enhance overall application quality by 20%.
- Participated in agile development cycles and contributed to debugging and deployment processes.
- Worked within Agile teams, implementing unit tests using xUnit and conducting TDD.

## **Academic & Internship Projects**

*Jan 2019 – July 2021*

### **Student Information Management System**

- Created a desktop application in C# and Windows Forms for managing student records, incorporating CRUD operations and local SQL Server Express database.
- Implemented form validation and user-friendly UI components to ensure data integrity and ease of use.

### **Library Book Tracking Console Application**

- Developed a console-based C# application to track book borrowing and returns, applying object-oriented programming principles.
- Managed data persistence using text files and implemented search and report generation features.

## **EDUCATION**

### **Concordia University Wisconsin**

Master's Degree • 2023 – 2025

Relevant Coursework: Advanced Networking, Database Administration, System Administration & Maintenance

### **Sri Indu Institute of Engineering and Technology**

Bachelor's Degree • 2017 – 2021

Relevant Coursework: Java, C, VLSI, HTML, CSS, SQL

## CERTIFICATIONS

- **Microsoft Azure Fundamentals (AZ-900)** – Issued March 15, 2022
- **Career Essentials in System Administration – Microsoft & LinkedIn Learning**,  
Issued July 21, 2025  
*Skills: System Administration, Network Administration, Network Security*  
*Certificate ID:*  
*de50a270d5779ab22b9266f0f48e0ba1a7e0fb46d6b4f12252f9cd38a19083ec*
- **Microsoft Certified: Azure Developer Associate (AZ-204)** — *In Progress (targeting Nov 2025 or employer-sponsored)*
- **Certified Junior Grade & Lower-Level Typist** – Scores: 97% and 92%

## ACCOMPLISHMENTS

- Increased application quality by 20% at Capgemini through efficient testing and team collaboration.
- Successfully transitioned to new technology stacks during tenure with minimal ramp-up time.

## ACTIVITIES & INTERESTS

- Passionate about fashion design; design and showcase traditional and western outfits at family events.
- Avid book reader.

## REFERENCES

Available upon request.