

Sowmya Nelakurthi

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Profile

Experienced and solution-driven Software Engineer with 5+ years of expertise in .NET (C#) application development, SQL Server database design, and responsive web deployment. Strong foundation in object-oriented programming and Agile (Scrum) methodologies, with a focus on building scalable backend systems. Proficient in clean, efficient coding and developing robust database solutions using T-SQL, stored procedures, views, and triggers.

Currently pursuing a Master's in Applied Artificial Intelligence (distance-based) at Luleå University of Technology, while working remotely for Thinkbridge. Fully authorized to work in Sweden permanently—no visa sponsorship required. Known for being a reliable team player with strong interpersonal skills, a solid work ethic, and a passion for continuous learning and innovation.

Experience

SENIOR SOFTWARE ENGINEER | THINKBRIDGE SOFTWARE PVT LTD, INDIA | SEP-TEMBER 2020 – PRESENT

- Developed and maintained scalable backend modules and APIs using C# and ASP.NET MVC, ensuring robust and efficient data processing.
- Designed and implemented RESTful web services to integrate with multiple third-party systems, improving data flow and application interoperability.
- Led database schema design, migrations, and performance tuning using Entity Framework (Code First and Database First) and T-SQL stored procedures.
- Applied best practices in object-oriented design and MVC architecture for clean, modular, and maintainable codebases.
- Worked with cloud platforms such as Azure App Services and AWS S3 to deploy and manage applications in cloud environments.
- Utilized LINQ to SQL for building efficient data models and encapsulating business logic within application layers.
- Conducted unit testing, debugging, and troubleshooting to ensure high-quality software releases and minimize defects.
- Collaborated within Agile teams to deliver incremental product improvements aligned with business goals.

ASSOCIATE SYSTEM ENGINEER | COLLABERA (IBM), INDIA | FEB 2019 – JULY 2020

- Developed front-end and backend components of web applications using ASP.NET MVC, C#, JavaScript, HTML, CSS, and AngularJS.
- Designed and maintained database-driven applications with Entity Framework, optimizing data access and integrity.

- Implemented responsive UI designs using CSS media queries for seamless user experience across devices.
- Authored complex SQL queries and stored procedures to support data normalization and business requirements.
- Participated in code reviews and collaborated closely with cross-functional teams in an Agile environment.

TECHNICAL SKILLS

- Languages: C#, SQL, JavaScript
- Databases: MS SQL Server, Azure Storage
- Web Technologies: .NET Framework, ASP.NET MVC, ADO.NET, HTML, CSS, JSON
- Cloud Technologies: Azure App Services, AWS S3
- IDE: Microsoft Visual Studio, Eclipse, Turbo C
- Tools: Git, Postman, JIRA

Education

MASTER'S PROGRAM IN APPLIED ARTIFICIAL INTELLIGENCE (DISTANCE EDUCATION) | SEP 2024 - PRESENT| LULEÅ UNIVERSITY OF TECHNOLOGY, SWEDEN

BACHELOR'S DEGREE IN COMPUTER SCIENCE AND ENGINEERING| SEP 2014 – JUNE 2018 | SRK INSTITUTE OF TECHNOLOGY, VIJAYAWADA, INDIA

Language Skills

- English – Full professional proficiency
- Telugu – Mother tongue
- Swedish – Beginner (currently learning SFI)

Activities and Interests

Keeping up with technical blogs and updates, Sketching and color painting, Playing sports such as cricket