

Sai Koteswara Rao Nallamothu

Full Stack Developer | Master's in Data Engineering | University Of North Texas

☎ +1 (940) 843-0096 ✉ sainallamothu321@gmail.com 📍 Dallas, Texas  [Sai Koteswara Rao Nallamothu](#)

PROFESSIONAL SUMMARY

A passionate and competent .NET full-stack developer with over 2 years of experience in all phases of the Software Development Life Cycle (SDLC), including requirement gathering, design, development, testing, packaging, and deployment of web and windows applications, with experience in Microsoft technologies such as C#, ASP.NET, ADO.NET, MVC, MS SQL Server, Entity Framework, and web services.

TECHNICAL SKILLS

.Net Technologies	NET Framework, ASP.NET, ASP.NET Core, C#.NET, ADO.NET, MVC, Web Services, LINQ, Entity Framework, Web Forms, Web API
Databases	MS SQL Server, MySQL, Oracle SQL
Web Technologies	HTML, CSS, XML, JSON, JavaScript, jQuery, Angular
Development Tools (IDE)	Visual studio, Visual Studio Code, Jupyter Notebook, Eclipse and Google Colab
Tools	SQL Server Integration System (SSIS), SQL Server Reporting System (SSRS) and SQL Server Management Studio (SSMS)
Programming Languages	C# , ASP .Net, Java, Python, C++
Frameworks	NumPy, Pandas, Matplotlib, Seaborn, Plotly, Scikit-Learn, TensorFlow
Visualization Tools	Tableau, PowerBI and Excel

PROFESSIONAL EXPERIENCE

INFOSYS PVT LTD.
Systems Engineer

Hyderabad,
NOV 2021 – JULY 2023

- Proficient in implementing the three-tier architecture, which consists of the User Interface (UI), Business Logic Layer (BLL), and Data Access Layer (DAL).
- Acquainted in .NET security features such as Authentication (Windows-based Authentication, Forms-based Authentication) and Authorization (Authorizing Users and Roles).
- Knowledge in designing and maintaining SQL Server databases, as well as writing intricate SQL queries with joins, tables, views, indexes, stored procedures, functions and triggers.
- Designed and deployed SSIS packages to read and store data in DB using script tasks, Execute SQL tasks, Data flow tasks, send email tasks, Flat file creation based on client requirements.
- Hands-on experience in application maintenance, unit testing, and debugging to ensure quality software delivery. Skilled in error handling, tracing, and logging for efficient runtime analysis and issue resolution.

- Successfully handled application migration projects across servers and upgraded source code packages to ensure smooth transitions and operational continuity. Generated reports using Crystal Reports tools for HR-related applications.
- Demonstrated strong communication skills by regularly collaborating with clients and end users to address application issues and incorporate change requests.
- Maintained 10+ applications and enhanced issue resolution processes by streamlining project tracking.
- Developed web-based solutions that aligned with business requirements, improving application efficiency up to 30%.
- Performed Query optimization on the database servers to improve the application efficiency by 15%.
- Migrated applications to updated servers, ensuring data integrity and operational continuity.

EDUCATION

Master's in data engineering, GPA: 4

Aug 2023 – May 2025

University of North Texas, Denton, TX

Machine Learning (ML), Natural Language Processing (NLP), Empirical Analysis, Big Data Processing, Data Management, Data Mining, Artificial Intelligence, Pattern recognition, Database systems, Parallel Processing, Scientific data visualization.

Bachelor of Technology in Mechanical Engineering, GPA 8.67

Jul 2018 – May 2021

CERTIFICATIONS

- Microsoft certified Azure Developer Associate
- Infosys certified C Sharp programmer from Infosys.
- Infosys certified Dot Net Core Web API Developer from Infosys.