VINAY REDDY THADAKALA

Full Stack .NET Developer

 vinayreddythadakala@gmail.com  +919490930473  Hyderabad, Telangana  [vinay-reddy-thadakala  [Vinay-Reddy-Thadakala](https://github.com/Vinay-Reddy-Thadakala)](https://www.linkedin.com/in/vinay-reddy-thadakala/)

# SUMMARY

I am an enthusiastic and detail-oriented **.NET Full Stack Developer** with a strong foundation in **C#, ADO.NET, ASP.NET, MVC, Razor Pages, Blazor** (Server & WebAssembly)**, and Entity Framework** for backend development. I am proficient in **HTML, CSS, and JavaScript** for front-end development. Additionally, I have experience working with **SQL Server**, as well as implementing **authentication and authorization using Identity**. I possess strong skills in **debugging and troubleshooting** to ensure optimal application performance. I am passionate about **learning new technologies, writing clean code, and building scalable web applications**. As a **quick learner with strong problem-solving abilities**, I am eager to contribute effectively to a dynamic development team.

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| **EDUCATION** |  |
| **Aurora's Technological and Research Institute**Bachelor of Technology(CSE) - 6.63 | 2019 - 2023 |
| **Alphores Junior College**Intermediate(MPC) - 91 | 2017 - 2019 |
| **St. Vincent Pallotti High School**Board of Secondary Education(SSC) - 8.5 | 2016 - 2017 |
| **PROJECTS** |  |
| **Freelance Software Developer** | 2023 - 2025 |

* Developed multiple web applications using **ASP.NET Core, Blazor, and C#** for various business needs.
* Designed and optimized **database schemas, queries, and stored procedures in SQL Server** to improve performance and scalability.
* Created technical blogs on **software development, ASP.NET Core, Blazor, and database management** to share knowledge and insights.
* Collaborated with clients to **gather requirements, implement solutions, and deliver high-quality software**

tailored to their needs.

# Enabling Cloud Storage Auditing with Key-Exposure Resistance 2022 - 2023

* Designed and implemented a secure auditing framework for cloud storage that resists key exposure.
* Developed a cryptographic mechanism to verify data integrity in cloud environments without compromising sensitive keys.
* Utilized dynamic key updates and proxy re-signatures to reduce the risks associated with key exposure.
* Ensured privacy-preserving verification, allowing third-party auditors to validate data integrity without accessing the original data.
* Conducted a security analysis to evaluate resistance against various attacks, including scenarios involving key leakage.
* Developed the solution using cryptographic libraries, Python, Java, and cloud computing platforms.
* Presented research findings through a comprehensive report and technical presentation.

**Stock Market Prediction using KNN** 2021 - 2022

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# SKILLS

* **Languages:** C#, JavaScript, SQL, HTML and CSS.
* **Frameworks:** ASP.NET Core MVC, Razor Pages, Blazor, Entity Framework and Bootstrap.
* **Database:** Microsoft SQL Server.
* **Tools:** Visual Studio 2022, Visual Studio Code, SQL Server Management Studio(SSMS), and Git.