

Thulasiraman K

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Professional Summary

A passionate B.Tech IT graduate with a strong foundation in web development, particularly in the .NET framework. Enthusiastic about exploring emerging technologies, particularly in Data Science, and eager to apply analytical and problem-solving skills to drive impactful solutions. A quick learner with a keen interest in continuously improving technical skills, and adapting to the latest industry trends.

Education

Christ College of Engineering and Technology , B.Tech in Information Technology	Sept 2020 – May 2024
• GPA: 7.95/10	
Sri Annai Ranni Convent Higher Secondary School , Higher Secondary Education.	2019 – 2020
• Percentage: 79.66%	
Santa Clara Convent Higher Secondary School , Secondary Education.	2017 – 2018
• Percentage: 90.1%	

Experience

Software Engineer , Syncfusion, Chennai.	Dec 2024 – Jan 2025
• Proficient in C# programming language with experience creating Console Applications.	
• Implemented custom lists, grid views, and binary search algorithms in software applications.	
• Hands-on experience with HTML, CSS, JavaScript, Type Script, and Web API for web-based application development.	
Machine Learning Intern , Feynn labs	Jan 2024 – Mar 2024
• Improved prediction accuracy 50% using machine learning models and data analysis.	
• Utilized Python, NumPy, and Pandas for efficient data processing and model evaluation.	
• Conducted exploratory data analysis (EDA) on large datasets to extract actionable insights.	

Technologies

Languages: C ++ , C# , Python, HTML, CSS, Java Script, Type Script

Frame Works: ASP.NET , Node.js.

Tools: Git, GitHub, Swagger, CURD API, Google Colab, Jupyter Notebook, tableau, Power BI, SASS.

Other field of Interest: Machine learning, Data Science, Data Analytics, Website Development.

Certification

Google Data Analytics Course , Coursera	Oct 2022
Python Fundamentals , Great learning	Oct 2023
Specialization in Data science , Capabl.	June 2024
Statistics for Data science , Great learning	May 2024

Projects

Library Management Application Using C# with Custom List (Console)

- Developed a C# console application with CRUD operations, managing books, patrons, and transactions efficiently.

- Optimized performance using a custom list data structure for improved memory management and scalability.
- Ensured robustness with exception handling, input validation, and unit testing for error-free operation.
- Tools & Technologies: C#, Custom List, CRUD Operations, Exception Handling, Unit Testing.

SyncKart Online E-commerce Web application using Typescript

- Developed SyncKart, a dynamic E-commerce web application using Type Script ,HTML/CSS for the presentation layer.
- Implemented key features such as product listings, user authentication, and shopping cart management.
- Integrated front-end features with event handling and DOM manipulation using Type Script.
- Tools & Technologies: HTML, CSS, Java Script, Type Script, VS Code, Node.js.

Cafeteria Application Using C# with File Handling

- Developed a C# console application with CRUD operations for Ordering foods.
- Optimized performance using custom list, Binary Search data structure for improved memory usage.
- Grid Table created for better presentation, and file handling is used to store the data in .CSV file.
- Ensured reliability with exception handling, input validation, and unit testing.
- Tools & Technologies: C#, Custom List, Custom Binary search, Grid view,File handling CRUD Operations, Exception Handling, Unit Testing.