

RAGASWETHA

Mobile no. 9489357516

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Career Objective

A motivated and dedicated individual seeking a challenging position where I can utilize my skills, knowledge, and passion for continuous learning to contribute to the success and growth of the organization. Eager to collaborate with a dynamic team, tackle new challenges, and grow professionally while adding value to the company's objectives.

Academic Qualification

Degree	Institution	Board/University	Year of Passing	Percentage/CGPA
M.Sc. in Physics	B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai	Crescent University	2021	9.0
B.Sc. in Physics and Computer Science	Srinivasa Ramanujan Center, Kumbakonam	Sastra University	2019	7.3
Higher Secondary Certificate (HSC)	Vidyaa Vikas Matriculation Higher Secondary School, Chennai	State Board	2016	90.1%
Secondary School Leaving Certificate (SSLC)	Muvendar Matriculation Higher Secondary School, Chennai	State Board	2014	96.6%

Technical Skills

- **Programming Languages:** VB.NET, C#, HTML
- **Operating Systems:** Windows, Unix, Linux
- **Core Concepts:** OOP, Abstract Classes, Generics
- **Web Development:** React JS (Components, State Management, Types and Interfaces, Datatypes), Basics of Web API Development and Windows Form
- **Networking:** Protocols, Virtual Machines

Courses

- Completed Basics of Networking.
- Learning React JS and .net in Udemy.

Area of Interest

- **Backend Development:**
 - .NET Development
 - Database Management Systems (DBMS)
- **Frontend Development:**
 - React Development

Certifications

- Completed lower and higher-level Typewriting in English with distinction

Academic Project

Title: *Collision Scenario of Solitons in Coupled Non-Linear Schrödinger Equations with Focusing Non-Linearity*

Description:

- Conducted an in-depth theoretical and computational study of soliton collisions within the framework of coupled non-linear Schrödinger equations.
- Focused on analysing the impact of focusing non-linearity on soliton interactions.
- Utilized mathematical modelling and computational simulations to investigate collision dynamics and energy exchange.

Personal Information

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|-------------------|---|--------------------|
| • FATHER'S NAME | : | G. Jayaraman. |
| • MOTHER'S NAME | : | J. Vanaja. |
| • DATE OF BIRTH | : | 7th February 1999. |
| • GENDER | : | Female |
| • LANGUAGES KNOWN | : | Tamil, English. |
| • NATIONALITY | : | Indian. |

Declaration

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

(J. RAGASWETHA)