

# THARNESH R

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🌐 [tharneshr-portfolio.netlify.app](https://tharneshr-portfolio.netlify.app) </> [codechef.com/users/tharneshtharun](https://codechef.com/users/tharneshtharun)

## Objective

To secure a challenging position as a software developer where I can utilize my programming skills, problem-solving abilities, and passion for technology to contribute to innovative projects. Eager to grow and learn within a dynamic team while helping the organization achieve its goals through efficient and effective software solutions.

## Education

<b>KSR Institute for Engineering and Technology, Tiruchengode</b> <i>UG - B.Tech in Information Technology</i>	<b>2021 to 2025</b> <i>7.339 CGPA</i>
<b>Sri Vidya Mandir Matric Hr Sec School, Rasipuram</b> <i>Higher Secondary School</i>	<b>2020 to 2021</b> <i>83.97%</i>
<b>Sri Vidya Mandir Matric Hr Sec School, Rasipuram</b> <i>Secondary School</i>	<b>2018 to 2019</b> <i>76.80%</i>

## Technical Skills

**Programming Languages:** Java, Python, JavaScript

**Front-End:** HTML5, CSS3

**DataBase:** SQL

**Tools:** GitHub, Visual Studio Code, IntelliJ IDEA, Netbeans IDE, Python IDLE, Canva, Netlify

## Internships

<b>Techforge, Salem</b> <i>Web Development Intern</i> – Learned the basics of HTML5, CSS3, JavaScript, and Canva.	<b>Jun 2023 to Jul 2023</b> <i>Duration: 1 Month</i>
<b>CodeClause Pvt Ltd</b> <i>Web Development Intern</i> – Developed projects such as a To-Do List and an Online Resume Generator App using HTML5, CSS3, and JavaScript.	<b>Oct 2023 to Nov 2023</b> <i>Duration: 1 Month</i>
<b>Cognifyz Technologies Pvt Ltd</b> <i>Frontend Development Intern</i> – Implemented form styling and validation, and integrated APIs using HTML5, CSS3, and JavaScript.	<b>Apr 2024 to May 2024</b> <i>Duration: 1 Month</i>

## Projects

An Enhanced Speech Emotion Recognition System Using Recurrent Neural Networks (RNN)

- **Technologies Used: Deep Learning, Python, HTML5, CSS3, JavaScript**
- Developed an Enhanced Recurrent Neural Networks (RNN)-based speech emotion recognition model to predict emotions from speech signals with higher accuracy than a Convolutional Neural Networks (CNN)-based model.
- Integrated a web interface for real-time predictions.

Console Based Banking System

- **Technologies Used: Java**
- Developed a console-based banking system implementing Object-Oriented Programming (OOP) concepts.
- Implemented features such as user authentication, account creation, password reset, and basic transactions like withdrawal, deposit, and balance check.

Personal Portfolio Website

- **Technologies Used: HTML5, CSS3, JavaScript, Netlify**
- Developed and deployed a responsive portfolio website showcasing projects and skills. Added interactive UI elements using JavaScript and deployed it with Netlify.

#### BMI Calculator Website

- **Technologies Used: HTML5, CSS3, JavaScript, Netlify**
- Developed a Body Mass Index (BMI) calculator with real-time calculations and deployed it using Netlify.

#### Guess The Number Game Website

- **Technologies Used: HTML5, CSS3, JavaScript, Netlify**
- Developed an interactive guessing game with random number generation and DOM-based score tracking, and deployed it using Netlify.

### Certifications

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- HTML Tutorial - Great Learning
- Python (Basic) - HackerRank
- Java (Basic) - HackerRank
- Learn JavaScript - CodeChef
- Learn Python - CodeChef
- CSS (Basic) - HackerRank
- SQL (Basic) - HackerRank

### Achievements & Co-Curricular

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#### 1. Competitive Programming

- Solved 350+ problems on LeetCode.
- Earned 3 badges on LeetCode: 50 Days Badge (2024), 50 Days Badge (2025), 100 Days Badge (2025).
- Solved 900+ problems on CodeChef.
- Earned Golden Badge for problem-solving on CodeChef.
- Earned 500 Difficulty Rating Certification from CodeChef.
- Earned 6 badges and 9 certifications in Python, Java, CSS, JavaScript, SQL, and Problem Solving on HackerRank.

#### 2. Co-Curricular Activities

- Participated in a Two-Day workshop on Cybersecurity & Ethical Hacking conducted by the National Information and Cybersecurity Council (NICC) at KSR Institute for Engineering and Technology, Tiruchengode on 25th and 26th July 2023.
- Participated in Code Olympia, a National Level Coding Event in ABLAZE 2023 at KSR College of Engineering, Tiruchengode on 13th October 2023.
- Web Development Member of Google Developer Student Clubs (GDSC), KSR Institute for Engineering and Technology, 2023.

### Area of Interest

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- Web Development, Software Development.

### Strengths

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- Quick Learner, Adaptability, Logical Thinking, and Problem-Solving in Programming.