

# THARNESH R

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🌐 tharneshr-portfolio.netlify.app 📄 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 build scalable systems and innovative projects and deliver features on time through **clean, efficient, maintainable code, assisting in software development, researching, and exploring new tools and technologies** with a drive to contribute effectively to team and organizational success.

## Education

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

## Technical Skills

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

**Front-End:** HTML5, CSS3

**Databases:** SQL

**Tools:** GitHub, Canva, Visual Studio Code(VS Code), Python IDLE, IntelliJ IDEA, NetBeans IDE, Eclipse IDE, Netlify

**Concepts:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOPs), **Software Development Life Cycle (SDLC)**, Agile Development, Operating Systems (OS), **Debugging**, Computer Networks (CN), DataBase Management Systems (DBMS), **Testing Concepts, Funtional Programming, Documentation**

## Internships

<b>Techforge, Salem</b> <i>Web Development Intern</i> – Learnt Basics of HTML5, CSS3, JavaScript and Canva.	<b>Jun 2023 – Jul 2023</b> <i>Duration: 1 Month</i>
<b>CodeClause Pvt Ltd</b> <i>Web Development Intern</i> – Built interactive web apps such as To-Do List, Resume Generator using HTML5, CSS3, JavaScript, improving UI functionality and user experience.	<b>Oct 2023 – Nov 2023</b> <i>Duration: 1 Month</i>
<b>Cognifyz Technologies Pvt Ltd</b> <i>Frontend Development Intern</i> – Implemented Tasks like Form Styling and Validation and Integrated API's to fetch data from Back-End using HTML5, CSS3, and JavaScript.	<b>Apr 2024 – May 2024</b> <i>Duration: 1 Month</i>
<b>Pantech E Learning Pvt Ltd</b> <i>Full Stack Web Development Industrial Training</i> – Learnt Overview of Full Stack Web Development	<b>Apr 2023</b> <i>Duration: 1 Week</i>

## Projects

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

- **Technologies Used:** Artificial Intelligence (AI), Deep Learning, Python, HTML5, CSS3, JavaScript, Django, GitHub
- Developed an RNN-based Speech Emotion Recognition System with 96.96% accuracy, **3.03% higher** than CNN, collaborating on UI and AI model development & Built a Web Interface using HTML5, CSS3, and JavaScript for **real-time predictions. Participated in Code Reviews in Collaboration with a Team.**
- Followed **Agile practices, maintained documentation**, presented and published a research paper entitled "An Enhanced Speech Emotion Recognition System using RNN Compared with CNN", at Nandha College of Engineering, Erode in ICICCS Conference and stored in GitHub

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 secure transactions like withdrawal, deposit, and balance check focusing on **Modular Backend Logic , Implemented Functional Programming.**

#### Personal Portfolio Website

- **Technologies Used:** HTML5, CSS3, JavaScript, Netlify
- Developed and deployed a fully responsive portfolio website showcasing projects and skills, ensuring cross-browser compatibility and Enhancing Visibility. Added interactive UI elements using JavaScript and deployed it with Netlify and stored in GitHub.

#### BMI Calculator Website

- **Technologies Used:** HTML5, CSS3, JavaScript, Netlify
- Created a BMI calculator to reduce manual calculation effort with real-time calculation and responsive design, deployed via Netlify and stored in GitHub.

#### Guess The Number Game Website

- **Technologies Used:** HTML5, CSS3, JavaScript, Netlify
- Developed an interactive guessing game using random number generation, DOM updates, and responsive UI and stored in GitHub.

### 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 demonstrating **Data Structures & Algorithms** with a **Contest Rating of 1,621**, 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 structured 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 & Back End Web Development**

### Strengths

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- **Strong Problem Solving, Logical Thinking & Analytical Thinking, Quick Learner, Adaptability, Verbal & Written Communication, Team Collaboration, Presentation, Able to Work in Fast Paced Environments, Collaborate with senior leaders**