

# GODFREY T R

Full-Stack Web Developer

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GitHub | LinkedIn | HackerRank

## EDUCATION

**K. Ramakrishnan College of Technology**  
Computer Science and Engineering Bachelors  
CGPA: 7.34

Samayapuram, Tamil Nadu, India  
August 2023 - Expected May 2027

**Sri Bala Vidyamandir MHSS**  
Math & Biology  
Percentage: 79%

Trichy, Tamil Nadu, India  
July 2019 - July 2023

## EXPERIENCE

### Prodigy InfoTech | Web Development Intern

- Developed a **Weather Web App** integrating real-time APIs and responsive design.
- Built utility-based mini projects including a **Stopwatch App** and a **Tic Tac Toe Game** using JavaScript.
- Designed and deployed a **Personal Portfolio Website** showcasing skills and projects.
- Focused on frontend/backend integration, cross-platform responsiveness, and clean UI.

### Adaovi | Cybersecurity Intern

- Created a **Password Strength Checker** tool for secure password validation logic.
- Built a **Keylogger tool** for ethical hacking simulations and analysis.
- Learned ethical cybersecurity practices and basic penetration testing frameworks.

### SkillCraft | UI/UX Design Intern

- Redesigned the homepage of a website with a focus on improved layout, hierarchy, and user engagement.
- Added a **dark theme** to a mobile news application, enhancing readability and aesthetic.
- Redesigned a complete **checkout flow** for an eCommerce platform to streamline user experience.
- Mapped out a detailed **user journey** for a fitness app, focusing on goals, behaviors, and pain points.

## SKILLS

Programming Languages: C, C++, Java, Python, Html, CSS  
Tools / Platforms: Git, Github, VS Code, Canva, Figma, ChatGPT, Glide, Genially  
Databases: SQL, MongoDB

## PROJECTS / OPEN-SOURCE

### Weather Web App | Link

HTML, CSS, JavaScript, API

- Built a responsive Weather Web App using HTML, CSS, and JavaScript.
- Integrated real-time weather APIs to fetch and display global climate data.
- Focused on mobile responsiveness and clean user experience.

### TEXT ANALYZER | Link

Python

TextAnalyzer is a straightforward Python class crafted for fundamental text analysis. It offers features such as text sanitization, extraction of sentences and words, sentiment evaluation, and keyword discovery. This tool is perfect for analyzing user feedback, social media interactions, product assessments, and more.

### Tic-Tac-Toe Game | Link

CSS, JavaScript, HTML

Developed a browser-based two-player Tic-Tac-Toe game with interactive gameplay and real-time status updates.  
Implemented game logic for win/draw detection and dynamic player turn handling using JavaScript.  
Designed a clean, responsive UI with a restart option for continuous play.

## **WAITING-LIST-MANAGEMENT-SYSTEM | [Link](#)**

*C*

This project implements a seat booking system in C, allowing users to manage seat reservations, check availability, cancel bookings, edit reservations, and view the seating chart. It also includes a waiting list feature for when seats are fully booked

## **Mobile-Tracking-System- | [Link](#)**

*Java*

The Mobile Tracking System (MTS) is designed to enhance device security by enabling real-time location tracking and providing remote functionalities to secure sensitive data.

## **STOPWATCH | [Link](#)**

*JavaScript, CSS, HTML*

Developed a responsive stopwatch application with start, stop, lap, and reset functionalities.

Implemented a dynamic time display and lap time recording using JavaScript.

Styled the interface using external CSS for clean UI and better user experience.

Structured the application for modularity using separate HTML, CSS, and JS files.

## **Password-Strength \_Checker | [Link](#)**

*HTML, CSS, JavaScript*

A simple web-based password strength checker that evaluates the strength of a user's password based on length, use of uppercase and lowercase letters, numbers, and special characters.

The strength is categorized as "Weak," "Medium," or "Strong," and the background color dynamically changes based on the strength of the password.

## **Image-size-reduction | [Link](#)**

*HTML*

Built a web tool for image resizing, compression, and format conversion with real-time preview.

Enabled custom resolution input, aspect ratio lock, and adjustment sliders for quality, brightness, and contrast.

Implemented drag-and-drop upload and dynamic rendering using JavaScript for enhanced user experience

## **Coding Challenge Platform | [Link](#)**

*CSS, HTML, JavaScript*

Designed and developed a multi-section web platform offering coding challenges, community features, and user authentication UI.

Implemented responsive navigation, challenge listings, and an interactive sign-in form.

Built user-focused sections such as Community and Contact with accessible layout and smooth navigation.

## **HOSTEL-MANAGEMENT-SYSTEM | [Link](#)**

*Python,SQL*

A role-based Hostel Management System using Python (Tkinter) and MySQL for attendance and outpass tracking.

## **Personal Portfolio Website | [Link](#)**

*CSS, HTML, JavaScript*

Developed a responsive portfolio showcasing personal projects, academic background, and contact form.

Structured multi-section layout including Home, About Me, Projects, and Contact pages for better user navigation.

Integrated custom styling and interactive elements to enhance user experience and professional presentation.

## **CERTIFICATIONS**

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- Build a free website with WordPress - Coursera.
- Build a mobile app with google sheets on glide and no coding - Coursera.
- Google Ads for Beginners - Coursera.
- Graphic design: pop your Linkedin with 3D effect using Canva - Coursera.
- Use Genially to Create Mind Maps - Coursera.

- Work with Components in Figma - Coursera.
- Building Digital Media using Graphic Design in PowerPoint - Coursera.
- Create a Lead Generation Messenger Chatbot using Chatfuel - Coursera.
- Getting Started with Microsoft Excel - Coursera.
- How to create presentations using Canva - Coursera.
- Use Canva to Design Digital Course Collateral - Coursera.
- Android App Development - Great Learning.
- ChatGPT for Excel - Great Learning.
- Excel for Beginners - Great Learning.
- Intro to JavaScript - Great Learning.
- Introduction to Java Programming - Great Learning.
- Python Fundamentals for Beginners - Great Learning.
- Introduction to MongoDB for Students - MongoDB.
- CSS BASICS - Hackerrank.
- DPL (C,C++,JAVA) - TNCSC.
- Design Thinking - HP LIFE.
- Data Science using Python - Brain O Vision.
- Power BI - workshop - Office Master.
- AI Tolls - Workshop - be10X.
- Microsoft Excel using AI - workshop - Office Master.
- ChatGPT & AI Tools - Workshop - be10X.
- YOGA DAY - Workshop - KRCT, College.
- INTELLECTUAL PROPERTY RIGHT - KRCT , College.
- CYBERSECURITY - Adaovi.
- WEB DEVELOPMENT - Prodigy InfoTech.
- UIUX DESIGN - SKILLCRAFT.
- Enhancing Soft Skills and Personality - NPTEL.
- Patent Drafting for Beginners - NPTEL.
- The Joy of Computing using Python - NPTEL.
- Code sprint 6.0 - Hackathon - KRCT, College.

#### HONORS & AWARDS

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- Won First Prize at National Science Day Extempore at KRCT
- Won Second Prize at Math Day Ramanujar Life History & Innovation at KRCT
- Won Second Prize at Math Week Trash to Treasure at KRCT