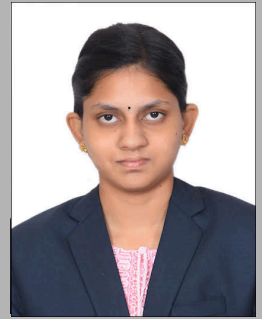


# HARIHARAPRIYA R S

IV-YR CSE STUDENT

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY-MADURAI

EXPERTISE IN FULL STACK



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<https://github.com/008-HARIHARAPRIYA>

## OBJECTIVE

A dedicated Computer Science and Engineering student with a strong passion for learning and applying knowledge in practical scenarios. Seeking opportunities to contribute to innovative projects and grow professionally in a dynamic environment.

## SKILLS

- Fullstack
- Java programming
- Python programming (Flask)
- Data Structures and Algorithms
- Android App Development
- DBMS(MySQL, MongoDB, Firebase)
- Web development(MERN Stack)
- Object Oriented Design
- Cloud computing
- Deployment in AWS with Docker container
- Linux Basics
- AI & ML
- R programming

## TOOLS

- Visual Studio Code
- Netbeans, Eclipse
- Android Studio
- Google colab
- Postman
- Github
- Jira

## TECH PROFILE LINKS

- Leetcode [Link](#)
- Geeksforgeeks [Link](#)
- Hackerrank [Link](#)

## Soft Skills

- Teamwork
- Time management
- Communication

## EDUCATION

**B.E. - COMPUTER SCIENCE AND ENGINEERING** **2022-2026**

Velammal College of Engineering and Technology, Madurai  
**CGPA - 9.00 (up to VI Semester)**

**HSC**

**2021-2022**

St. Joseph's Girls' Higher Secondary School,  
Madurai

**Percentage - 97.17%**

**SSLC**

**2019-2020**

Fuscos Matriculation School, Madurai.

**Percentage - 96.6%**

## EXPERIENCE

### SVASTI TECH SOLUTIONS, TRICHY (INTERNSHIP)

Worked as a Backend Developer Intern on the real-time project TERION at Svasti Technology Solutions from 22.12.2023 to 05.01.2024. Gained practical exposure and hands-on experience in building and managing backend systems using Node.js, Express, and PostgreSQL. Contributed to developing scalable APIs, optimizing database interactions, and strengthening backend logic for seamless application performance.

### QUANTANICS TECHSERV PRIVATE LIMITED, MADURAI (INTERNSHIP)

Completed an Android App Development Internship at Quantanics Techserv Pvt Ltd from 20.06.2024 to 20.07.2024, gaining hands-on experience in mobile application development, coding with the MVC architecture, and version control using Git. Designed and developed a Smart Door Lock Management System mobile app with enhanced security features and contributed to the Smart Trolley System project, integrating IoT with Android to deliver a seamless and innovative shopping experience.

## AWARDS AND CERTIFICATIONS

- NPTEL - Ethical hacking course
- Completed Introduction to Generative Ai by Google cloud skills boost
- Completed Introduction to Computer Networking in Simplilearn
- Oracle Devgym-Oracle SQL
- MongoDB University - MongoDB Basics
- Simplilearn -Introduction to Cloud computing
- Simplilearn- Basics of Javascript
- Participated in MSME Idea Hackathon with an idea of converting flower waste into zero carbon printing material
- Participated in Dr.Kalam's Young Achiever Award Hackathon
- Attended STEP Training Workshop on Node js
- Ranked among the top students in 12th grade for academic performance
- Completed Typewriting(English)-Junior & Higher levels
- Obtained Master's Degree in Hindi from Dakshin Bharat Hindi Prachar Sabha

## Areas of Interest

- Web Development
- Artificial Intelligence and Machine Learning
- Large Language Models(LLMs)

## Academic Coursework

- Object-Oriented Programming (OOPs)
- Operating Systems (OS)
- Database Management Systems (DBMS)
- Computer Networks (CN)
- Software Defined Networks (SDN)
- Compiler Design
- Theory of Computation (TOC)
- Distributed Systems
- Artificial Intelligence & Machine Learning (AI/ML)
- Data Science

## PROJECTS

### Geolocation-based Attendance Tracking System

Developed a mobile application integrating **geofencing and facial recognition** using TensorFlow, CNN models, and **Google Maps API** to enable secure, real-time attendance tracking. The system is designed to benefit educational institutions and offices by reducing manual errors and improving efficiency. Successfully presented at an **IEEE conference**, highlighting innovation in smart attendance management.

### AI Recruiter Application

Developed an intelligent recruitment platform using **MERN** stack with **MVC** and **Microservices** architecture. Integrated **Gemini** API for automation, **JWT** authentication, and a resume screening feature to optimize candidate selection. Designed and deployed during internship at Haso Technology to streamline recruitment and enhance efficiency.

### Placement Connect Website [Link](#)

Built a smart placement platform with **Dialogflow** AI chatbot providing company-specific tests, and past papers. Enabled students to track drives, selection status, and progress via a checklist, while providing Placement Officers tools to filter candidates by skills and CGPA. Developed during a hackathon at Kalasalingam University to streamline recruitment management deployed in **vercel and render**.

### Medical Chatbot

Developed an AI-powered medical assistant using **Flask** (Python), **LangChain**, **Hugging Face models**, and **Retrieval-Augmented Generation (RAG)**; integrated **Pinecone vector database** for semantic search and context retrieval; engineered structured LLM prompts for clear medical explanations (diseases, symptoms, causes, treatments); and built a **responsive web interface** with HTML5, CSS3, and JavaScript for seamless user interaction.

### PORTFOLIO WEBSITE [Link](#)

Built a full-stack portfolio platform using **MongoDB**, **Express.js**, **React.js**, and **Node.js** to showcase projects, skills, certifications, and **resume** in a structured, responsive design. Implemented a secure **authentication-based edit mode** for dynamic updates, ensuring maintainability and scalability deployed in **render and vercel**.