Hema Malini R

Full Stack Developer | AI & Web Applications Developer

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# About Me

Pre Final year Information Technology student passionate about AI, Full Stack Development, and innovative projects. Skilled in MERN stack, Java, Spring Boot, Python, Flutter, MySQL, React, HTML/CSS/JS, DSA, and developing AI-powered applications. Enthusiastic about solving real-world problems with technology.

# Projects

## AI Agriculture App

* Monitors soil condition, crop health, and pest risks
* Provides AI-based advisory via mobile app
* Tech Stack: Flutter, Python, FastAPI, MySQL

## Pet House (MERN Stack E-Commerce)

* Online pet shopping website with product catalog, cart, checkout, and admin panel
* Tech Stack: MongoDB, Express.js, React, Node.js

## KCETBot (College Admission Chatbot)

* AI chatbot for admissions guidance and student queries
* Tech Stack: Python, Flask, OpenAI GPT API, PostgreSQL

## Railway Ticket Booking System

* Web application for train ticket booking and management
* Tech Stack: Java, Spring Boot, MySQL, HTML/CSS/JS

## Netflix Clone (Frontend)

* Frontend clone of Netflix UI with responsive design and movie catalog
* Tech Stack: HTML, CSS, JavaScript

# Internship

Full Stack Java Developer – Phoenix Technology (June 16 – July 2, 2025)

• Developed web applications using Java and Spring Boot

• Integrated frontend and backend APIs

• Gained hands-on experience in database design, API integration, and project deployment

# Skills

• Programming & Frameworks: Java, Python, Spring Boot, Flutter, React, Node.js  
• Web & Database: HTML, CSS, JavaScript, MySQL, PostgreSQL, MongoDB  
• AI & ML: FastAPI, OpenAI GPT integration, AI advisory systems  
• Others: DSA, API integration, Git/GitHub, Agile development

# Achievements

• 2nd Place – Photography Competition – KGISL, Coimbatore  
• Young Scientist Award – Twice  
• Participation in Symposium – Kongu College of Engineering and Technology

# Education

• HSC – Kshatriya Girls Higher Secondary School – 86.6%

• SSLC – Kshatriya Girls Higher Secondary School – 82.6%

# Languages

• Tamil, English