## SARAVANAGANESH  R

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## OBJECTIVE

Motivated and curious Final -year Computer Science Engineering student with strong interest in UI/UX design, web development, AI, and networking. Seeking opportunities to apply practical skills in real-world projects involving front-end development, user interface design, and networking fundamentals while continuously improving problem-solving and teamwork abilities.

## EDUCATION

❖  Bachelor of Engineering in Computer Science, Adhiparasakthi Engineering College, Tamil Nadu
2022 – 2026 (Expected)

❖  Higher Secondary Certificate (HSC), Jeevanandham Higher Secondary School, Puducherry
2021 -2022

## PROJECTS

➢ **Smart Agriculture IoT System**

Developed an IoT-based smart agriculture solution using sensors and microcontrollers to monitor soil conditions and support crop recommendations. Focused on improving natural fertilizer usage, analyzing NPK levels, and helping farmers make data-driven decisions.

➢ **Cyber Awareness Instagram UI (UI/UX Design)**

Designed a modern social-media style interface for a cyber awareness concept using UI/UX principles. Worked on layout, navigation flow, and component arrangement with a focus on clean visuals and user-friendly interaction. Practised wireframing and prototyping using Figma.

➢ **Expense Management Web App**

Built a simple expense/budget tracking web application using MERN stack basics, Bootstrap, and MongoDB. Implemented features like adding expenses, basic categorization, and viewing history to help students track their daily spending.

➢ **Gemini Chatbot (AI Project)**

Created a conversational chatbot interface using Python and web technologies integrated with a generative AI model. The system allows users to ask questions and receive AI- generated responses, exploring the use of AI as a practical tool in applications.

➢ **Networking Projects  Cisco & Network Tools**

Designed LAN/WAN setups in Cisco Packet Tracer with routing, VLAN configuration, and IP addressing. Additionally developed basic network utilities in Python such as port scanners and traceroute-style tools to understand networking protocols and security fundamentals.

## CERTIFICATIONS

MERN Stack Internship – EY & AICTE, Feb- Mar 2025
Penetration Testing Workshop – SRM, Oct 2024
No-Code ML Workshop – Anna University, Jun 2024
Networking Basics – Dynamic Networking Institute, Aug 2024
Deep Learning Fundamentals – NVIDIA
HP LIFE – Cybersecurity Awareness (Online Module)

## SKILLS

Soft Skills:
- Time Management
- Problem Solving
- Team Collaboration
- Adaptability

## Technical Skills:

- Programming: Python, JavaScript (MERN basics)
- Web: HTML, CSS, Bootstrap, basic React/MERN stack
- Databases: MongoDB, SQL
- UI/UX & Tools: Figma (wireframing & prototyping), Git, GitHub
- Networking: Cisco Packet Tracer (Routing, VLAN), basic port scanning and network utilities in Python
- AI/ML: Deep learning fundamentals, simple ML projects such as sentiment analysis and crop recommendation
- Adaptability