



# ROSHAN A

ASPIRING WEB DEVELOPER

## CONTACT

📞 9578222556

✉ roshananand1601@gmail.com

📍 148/5 rsp nagar  
dharapuram

## PROFESSIONAL TRAITS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking
- Digital Marketing

## LANGUAGES

- Tamil (Fluent)
- English (Fluent)
- Hindi (Basic)

## PROFESSIONAL PROFILE

LinkedIn:  
<https://www.linkedin.com/in/roshan-anandhan-441a1132b/>

Leetcode:  
<https://leetcode.com/u/WeMVucmisL/>



## PROFILE

Motivated second-year engineering student aspiring to build a strong career as a Web Developer, with a focus on problem-solving, core web fundamentals, and scalable application development. Actively working toward industry-ready skills through structured learning, hands-on practice, and continuous self-assessment.



## TECHNICAL SKILLS

**Programming & Problem Solving** - Strong foundation in logical reasoning and algorithmic thinking -

Actively practicing Data Structures and problem-solving (Arrays completed, Hash Tables in progress)

**Web Development (Learning Phase)** - Core Web Fundamentals: HTML, CSS, JavaScript (in progress) -  
Understanding of end-to-end application structure and clean coding practices

**System Awareness** - Designed software with awareness of memory, timing, and power constraints -  
Optimized data structures to reduce memory usage - Minimized CPU-intensive operations and unnecessary I/O to improve efficiency and scalability

**Primary Domain Exposure** - Achieved upto **60% reduction in code size** while maintaining logical correctness during practice implementations

**AI-Assisted Engineering** - Utilized **ChatGPT and Gemini** to support learning, research analysis, debugging, and concept clarification



## EDUCATION

### 10<sup>th</sup> SCHOOLING

Veveaham School | Dharapuram  
**PERCENTAGE: 66%**

### 12<sup>th</sup> SCHOOLING

Agaram Public School | Dharapuram  
**PERCENTAGE: 68%**

---

## RESEARCH & INNOVATION

**Research Focus** - Studying requirements, tools, and best practices in modern web development

**Reverse Engineering** - Performed reverse engineering on everyday mechanical and electronic products including remote-control cars, mechanical pens, legacy torch lights, and small electronic devices - Gained insights into internal structure, component interaction, design logic, and assembly mechanisms **Patent &**

**Benchmarking Status** - Patent work pending due to absence of finalized project - Familiar with comparative benchmarking concepts and performance comparison methodologies

---

## EXTERNAL VALIDATION & COMPETITIVE PRACTICE

**Aptitude Preparation** - Completed Time & Work concepts - Currently practicing Calendar-based problems - Solved approximately **250 aptitude questions**

**Competitive Coding** - Practiced problems on **LeetCode** (Arrays completed, Hash Tables in progress)

**Hackathons** - Registered for an upcoming **Hackathon at VIT Chennai**

**Certifications** - Completed **Oracle course certification**

---

## BUSINESS, LEADERSHIP & SOCIAL IMPACT

**Startup Exposure – Café Business Concept** - Designed a structured **12-month roadmap** for launching a café - Planned site selection, infrastructure, interior design, procurement, materials, and workforce planning - Focused on efficient resource allocation, cost optimization, and operational feasibility

**Market Economics Understanding** - Analyzed operational cost reduction through labor scheduling, bulk procurement, and energy-efficient infrastructure - Emphasized waste minimization and ROI improvement

**Leadership & Mentorship** - Exposure to mentorship responsibilities and basic budget management (early stage)

**Social Impact (Planned)** - Conceptualized a socially relevant project aimed at improving community awareness and accessibility (implementation pending)

---

## SELF-ASSESSMENT & PROFESSIONAL DEVELOPMENT

**Skill Gap Assessment** - Problem Solving: **9/10** - Web Development & System Design: **5/10** (actively improving through structured learning)

**GATE Awareness** - Currently familiarizing myself with the GATE examination and planning structured preparation

**Professional Communication Audit** - Technical explanations assessed as **basic** - Actively improving clarity, structure, and professional articulation

**Career Readiness Verdict** - Identified missing industry-grade proof of work - Actively building deployable projects, public repositories, and external validations aligned with top-tier hiring standards

---

## **DECLARATION**

I am committed to continuous learning, disciplined execution, and transforming foundational knowledge into industry-ready skills through structured effort and real-world practice.