



ROSHAN A

ASPIRING WEB DEVELOPER

CONTACT

- 📞 9578222556
- ✉️ roshanandan1601@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 up to **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

10th SCHOOLING
Veveaham School | Dharapuram
PERCENTAGE: 66%

12th 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.