

SENTHIL

Undergraduate ~ Engineer

leetcde.com/Senthil_114

thesenthil0114@gmail.com

+91 6388264030

github.com/thesenthil

Dehradun, Uttarakhand

/in/codersenthil

SUMMARY

Pre-final year Computer Science Engineering student with strong foundation in Software Development, Data Structures, Algorithms, and AI/ML. Experienced in building real-world applications through internships and projects. Seeking opportunities to apply technical skills and gain hands-on industry experience.

SKILLS

Technical Skills: Java, Python, C++, HTML, CSS, JavaScript
Soft Skills: Time Management, Critical Thinking, Problem Solving, Teamwork
Technologies: Data Structures and Algorithms Using JAVA, Web and Android Development, React.js, Node.js, AI/ML, MongoDB
Languages: English, Hindi.

PROJECTS

Hardware-Software Integration	AI Food Delivery Platform	Ongoing
	To develop an AI-based food delivery platform connecting users with local vendors and home chefs. Project Type: Full-Stack with AI/ML Integration using React, Node.js, MongoDB.	
Python, AI/ML	AI Parking Analytics	GitHub
	A computer vision system to detect empty parking spaces in real time and improve parking utilization analysis using AI techniques.	
Python, OpenCV, TensorFlow	Driver Monitoring System	GitHub
	Designed an AI system for driver fatigue and distraction detection using OpenCV and TensorFlow for real-time monitoring.	

EXPERIENCE

Internship	Open Source Contributions	
	Software Development – (Ongoing)	Digital Byte Solution
	Skills: Full-Stack Development · React · Node.js · MongoDB	

EDUCATION

2023 – 2027	Bachelors in Computer Science Engineering	College
	Uttaranchal University, Dehradun CGPA: 9.2	
2021 – 2022	Class XII	School
	Lucknow Public School Percentage: 91%	
2019 – 2020	Class X	School
	RAV Public School Percentage: 94%	

RESEARCH PAPER

Conference	AI-Driven Recommendation Systems for Hyperlocal Food Delivery	Communicated
	(Leveraging Machine Learning and Graph-Based Algorithms for Personalized Vendor Matching in Urban Food Ecosystems)	
Journal	Real-Time Computer Vision Techniques for Smart Parking Analytics	Communicated
	(Advanced Deep Learning Approaches for Occupancy Detection and Predictive Utilization in Urban Parking Infrastructure)	

ACHIEVEMENTS AND CERTIFICATIONS

- Tech-Lead in Core Team Of Coding Ninjas
- Google Cloud Vertex AI Skill Badge
- NPTEL Cloud Computing Certification
- Ethical Cyber Hacking Workshop
- Data Science with ML Internship (8 Weeks)
- Web Development Internship – Code Alpha
- Full Stack Internship – Cognifyz
- Participated in NinjaSprint Ideathon 2024
- Attended hands-on IoT workshop series