



# PRAVEEN.N

SOFTWARE ENGINEERING INTERN

## CONTACT

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- <https://github.com/Praveen2330>

## EDUCATION

SRM University, Kattankulathur Campus  
B.Tech in Computer Science and Engineering (Specialization in AI & ML)  
Batch: 2023-2027  
CGPA: 8.5 (till 4th semester)

## SKILLS

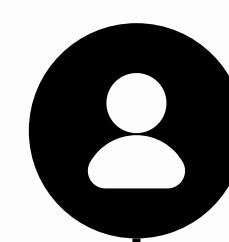
- Programming: Python, JavaScript, TypeScript, C, C++, Java
- Web Development: React, Node.js, Express.js, Supabase, WebRTC, Socket.IO, Tailwind CSS
- AI/ML: MediaPipe, OpenCV, Data Analysis, Model Evaluation
- Tools: Git, GitHub, VS Code
- Soft Skills: Problem-solving, teamwork, adaptability, communication, analytical thinking

## LANGUAGES

- English (Fluent)
- Tamil (Fluent)

## CERTIFICATIONS

- NPTEL – Introduction to Database Systems
- Coursera – Supervised Machine Learning (Regression & Classification)
- Udemy – PyTorch for Deep Learning Bootcamp



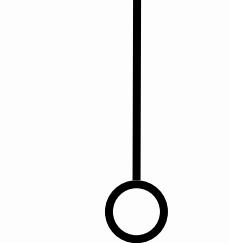
## PROFILE

Motivated and detail-oriented Computer Science and Engineering (AIML) student at SRM University with strong foundations in software development, machine learning, and full-stack web applications. Experienced in building scalable systems, real-time communication platforms, and computer-vision-based solutions. Quick learner who thrives in collaborative environments and enjoys solving real-world problems through clean, efficient code



## PROJECTS

1. **SRM Connect**  
<https://github.com/Praveen2330/SRM-Connect>  
Full-Stack Web Application | React, Node.js, Supabase, WebRTC, Socket.IO
  - Built a secure real-time dating and chat platform exclusively for SRM students.
  - Implemented Supabase authentication, live messaging, and random video-chat matching.
  - Designed a responsive UI and optimized WebRTC peer-to-peer connections for smooth video calls.
2. **Driver Drowsiness Detection**  
AI Project | Python, MediaPipe, OpenCV
  - Developed a real-time drowsiness alert system using facial landmark detection.
  - Used eye-blink pattern analysis to identify fatigue and trigger warning alerts.
  - Improved system accuracy using MediaPipe's robust feature extraction.
3. **School Website Project**  
Web Development | HTML, CSS, JavaScript, Node.js
  - Created a dynamic, accessible website with integrated backend services.
  - Improved navigation and UI responsiveness across devices.



## ACHIEVEMENTS

- Winner – TechKnow 2024 (Best Hardware Project)
- Runner Up – Hack & Time Hackathon (SQAC SRM)
- Second Runner Up – SDG-4 UN Hackfinity Hackathon
- Second Runner Up – Arduino Competition (Aaruush SRM)