

SURYA KR

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EDUCATION

**K.L.N.COLLEGE OF ENG.,
B.E.COMPUTER SCIENCE AND
ENGINEERING**
Pottapalaiyam,Sivagangai
Cum. GPA: 8.45
Batch: 2021-2025

LANGUAGE KNOWN

LANGUAGES

Tamil
English
Native-Sourashtra

SKILLS

WEB TECHNOLOGIES

PHP
MySQL
JavaScript
HTML5
CSS3
Bootstrap

PROGRAMMING

JAVA
PYTHON
C / C++
SQL

TOOLS & PLATFORMS

Git & GitHub
Visual Studio Code
IntelliJ IDEA
XAMMP

ACHIEVEMENTS

IEEE Journal research paper on
Implementation of Smart Helmet With
Voice-Control Using IOT(2024)

IEEE Journal research paper on Urban
Street Cleanliness Assessment using
Machine Learning(2025)

CAREER OBJECTIVE

- An independent and self-motivated engineering student seeking an opportunity for a first job to explore my skillset for growth. My objective is to secure my first job opportunity where I can apply my skills, contribute to organizational growth, and continue learning and developing as a professional.

WEBDEVELOPMENT PROJECTS

RESTAURANT WEBSITE AND BOOKING SYSTEM Sep 2025 | Personal Project

- Designed and developed a full-stack website for "Raka Restaurant" using PHP, MySQL, HTML, CSS, and JavaScript.
- Implemented a secure admin dashboard for managing dynamic content, including "Our Dishes," "Ambiences," and "Contact Details."
- Focused on responsive design, debugging mobile-view layout issues to ensure cross-device compatibility.

URBAN STREET CLEANLINESS ASSESSMENT USING MACHINE LEARNING April 2025 | Madurai, Tamil Nadu

- Using Python and computer vision techniques, including CNNs and R-CNNs, to automatically detect and classify garbage in urban street images for real-time monitoring and efficient waste management. This system helps authorities identify high-trash zones, reduce manual labor, and improve urban cleanliness and hygiene.

IOT AND HARDWARE PROJECTS

SMART HELMET WITH VOICE-CONTROL USING IOT September 2024 | Madurai,Tamil Nadu

- Helmet uses voice recognition to control the visor with commands like "UP" and "DOWN." This hands-free operation helps the rider maintain focus and improves road safety.
- The IoT-enabled helmet monitors weather conditions and adjusts the visor automatically for clear visibility.

COURSE AND CERTIFICATION

TECHNICAL

- NPTEL Course Problem Solving Using Python.
- Certification of Completion in DAT(C, C++, Java, HTML).
- AWS Cloud Practioner by ICT Academy.
- Participated in Hackathon 2024 and presented a project Quiz Application.

NON-TECHNICAL

- Drawing
- Art and Designing
- Music Listening