DINESH MURUGAN P

Tuticorin, Tamil Nadu ● dineshmurugan518@gmail.com ● (+91) 6382 410 301

🌐 dineshmurugan.netlify.app PDineshMurugan Dinesh Murugan P Dinesh Murugan P

PROFILE SUMMARY

Aspiring **Frontend Developer** with IBM Web Development certification and internship experience **System Star LLC**. Proficient in **Angular and TypeScript** with over 15+ projects on Frontend Mentor and 55+ Java problems on LeetCode, demonstrating strong problem-solving and UI development skills.

EDUCATION

Electrical and Electronics Engineering – 79%   2021-2025
Kongunadu College of Engineering and Technology, Trichy

TECHNICAL SKILLS

HTML, CSS/SCSS | JavaScript & Type Script | Git |Java | Angular (NX Monorepo) | SEO Optimization

INTERNSHIP EXPERIENCE

System Star LLC – Software Developer Intern   Dec 2024 – June 2025
- Built responsive UI components for the HeatFleet platform using **Angular** and **SCSS**.
- Implemented structured data and resolved **SEO** issues to improve search visibility.
- Migrated the **internal admin panel** for the HeatFleet platform from HTML to Angular
- Exploring tools like **Strapi, Google Search Console, GA4, Google Ads** and **Hotjar** across both HeatFleet.com and HomeHeatingExpert.com to improve content management and gain user insights.

PROJECT EXPERIENCE

Software Developer Intern | System Star LLC   Dec 2024 – June 2025
- Developed and maintained the HeatFleet heating oil finder application using Angular within an NX monorepo, building responsive, user-friendly UI components and enhancing performance.
- Migrated the HeatFleet internal admin panel from plain HTML to Angular for improved scalability, maintainability, and dashboard features, while also independently leading a full homepage redesign aligned with modern UI/UX standards.
- Contributed to HomeHeatingExpert.com by leveraging Strapi, Google Search Console, GA4, and Hotjar to enhance content management, track user behavior, and drive SEO-focused improvements.

Mosquito Repellent System for Cattle – IoT-Based Insect Control Project   Jan 2025 – May 2025
- Developed an IoT-based **mosquito repellent system** for cattle using a microcontroller to automate an organic oil vaporizer triggered by real-time sensor data for effective insect control.
- Secured ₹**2 Lakhs funding** from the EDII Innovation Voucher Program-B to support project development.

HACKATHON EXPERIENCE

GENESIS [30 hrs Intra–College Hackathon]   Mar 2024
Developed a fundraising website using HTML, CSS, JavaScript, and a Firebase database with Razorpay integration, leading a team to achieve 90% completion.

EXECUTIVE ROLES

IEI(India) student chapter's student Secretary | Energy Club student president | E-Cube Executive Member