DINESH MURUGAN P

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PROFILE SUMMARY

Angular-focused junior frontend engineer (~1 year across internship + current role) building UI modules for a pre-launch SaaS product. 80% Angular: CRUD flows, UI from scratch, and 45 API integrations end-to-end (request/response validation via Postman, error flows, pagination, filters, etc). Previously shipped production Angular code during internship at System Star. IBM Certified Web Developer.

EDUCATION

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

TECHNICAL SKILLS

HTML, CSS/SCSS | JavaScript & Type Script | Git | Angular 17+ | SEO Optimization | API Integration

EXPERIENCE

Scrutinysoft – Angular Developer   Sep 2025 – Present
- Integrated 45 REST API endpoints across multiple modules (talent, claims, chat, tasking) validating request/response in Postman and resolving edge cases.
- Implemented approval UI flows using existing REST APIs, ensuring front-end state accurately reflected backend status across connected modules.
- Built modules end-to-end using Angular 17, TypeScript and SCSS: CRUD forms, pagination, filters, and responsive layouts.
- Collaborated with lead engineers to scope enhancements, debug issues, and maintain code quality standards in an agile team.

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

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 donation checkout demo using Razorpay + Firebase, wiring HTML/CSS/JS UI to real payment flow for judges.