Dharmalingam Nandakishore

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SUMMARY

Enthusiastic and detail-oriented **Software Developer** with hands-on experience in building responsive web applications using **React.js**, **Tailwind CSS**, and **Java**. Passionate about writing clean, efficient code and developing real-world solutions through academic projects and internships. Strong understanding of modern development tools, **version control**, and **Agile workflows**. Adept at collaborating in team environments and continuously learning to stay updated with emerging technologies. Eager to contribute to impactful software projects and grow as a developer in a dynamic organization.

EDUCATION

B.tech
Puducherry Technological University · Puducherry, INDIA · 2025

EXPERIENCE

Web Developer Intern
AIC–PECF   **May 2024 – January 2025, Pondicherry**
· Developed and deployed a responsive website using **React.js** and **Tailwind CSS**, showcasing incubation programs and events.
· Implemented **dynamic routing**, reusable components, and optimized performance for accessibility and user experience.
· Delivered a production-ready codebase with documentation and maintenance support.

PROJECT

Personal Portfolio Website
dnk–portfolio.netlify.app/
· **Tech Stack: React.js**, **Tailwind CSS**, **JavaScript.**
· Designed and developed a responsive personal portfolio to showcase **projects**, **skills**, and **contact information** in a clean and modern layout.
· Utilized **Tailwind CSS** for rapid UI development and implemented **interactive animations** for a dynamic user experience.
· Deployed the site on **Netlify** for continuous deployment and global accessibility, ensuring fast performance and uptime.
· Integrated **smooth navigation**, **scroll animations**, and an accessible design to enhance user engagement.

AIC–PECF Official Website
AIC–PECF · aic–project.netlify.app/
· **Tech Stack: React.js**, **Tailwind CSS.**
· Developed a responsive, production-ready website to showcase **startup profiles**, **incubation programs**, and **event listings**.
· Built interactive pages using **React Router**, implemented mobile-first responsive layouts, and optimized UI components with **Tailwind CSS**.
· Contributed as part of the **AIC–PECF internship program** and delivered a complete frontend codebase along with documentation for future maintenance.

Bug Tracking System
github.com/nanda0311/BugTracking–System.git
· **Tech Stack: Java, JSP, Servlets, MySQL.**
· Designed and developed a bug tracking platform with **role-based access** for admins and developers.
· Created modules for **bug assignment**, **status updates**, and **priority management**, improving team productivity and collaboration.

Warehouse Management System Using Drone–Based Cycle Counting
github.com/nanda561/warehouse
· **Tech Stack: React.js**, **Tailwind CSS**, **Flask**, **MySQL**, **Python**, **OpenCV**, **Raspberry Pi.**
· Developed a system to automate **inventory cycle counting** in warehouses using **drones equipped with Raspberry Pi and Pi Camera**.
· Implemented **QR code scanning** and **real-time data transmission** using **Python** and **OpenCV**, improving inventory accuracy and reducing manual effort.
· Built a responsive web dashboard with **React.js** and **Tailwind CSS** to monitor product data and verify scanned inventory.
· Created backend APIs with **Flask** and managed inventory data in **MySQL**, ensuring real-time synchronization of drone-scanned information.
· Integrated SLAM (Simultaneous Localization and Mapping) for **autonomous drone navigation** within the warehouse environment.

SKILLS

Programming Languages: Java, C (Basic), C++ (Basic), Python (Basic), SQL (Basic)

Web Development: HTML5, CSS, JavaScript (Basic), React.js (Basic)

Tools & Platforms: Git, GitHub, Netlify, Vercel

Methodologies: Agile, Responsive Web Design

Soft Skills: Communication, Teamwork, Problem-solving, Adaptability