DEVADHARSAN B

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Objective

I am Devadharsan, a Computer Science and Engineering student with a deep interest in coding , web development and Ethical Hacking Passionate about building real-world solutions and constantly improving through hands-on learning. Eager to contribute my technical skills, adapt to new challenges, and grow in a collaborative and innovative environment.

EDUCATION

KIT-Kalaignarkarunanidhi Insititute Of Technology , Coimbatore   2023 – 2027
B.E. Computer Science and Engineering , Pre-Final year   Current **CGPA: 8.04/10.0**
Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks.

EXPERIENCE

Full Stack Development Intership, NANDHA INFOTECH– Covai, India (offline)   June 2025
- Completed hands-on training in **HTML, CSS, and JavaScript**, gaining strong foundational skills in frontend web development.
- Worked on **daily challenges, projects, and presentations**, strengthening practical understanding of how websites are built, styled, and made interactive
- Developed a **responsive Shoe Store Website** using frontend technologies, demonstrating clean UI design and mobile-friendly layout by using Flexbox/Grid to enhance usability.

PROJECTS

Full-Stack Development – Social Media Website   Link | June 2025
- Developed RESTful API endpoints in **Node.js & Express** and responsive quiz interface using **React.js and CSS3** for quiz generation, user score submission and topic-based question retrieval.
- Integrated frontend and backend using **Axios**, and connected **PostgreSQL** for structured storage of questions, answers and scores.
- Impact: Reduced manual question creation by **90%** using AI, improved API response times to **<300ms**, and achieved 100% accuracy in automated scoring.

Smart Surveillance: Real-Time Weapon Detection System   Link | Aug 2025
- Developed a real-time weapon detection pipeline using YOLOv8, enabling accurate identification of guns and knives from CCTV video streams.
- Integrated automated alerting system that triggers notifications via sound, email, or dashboard when a threat is detected.
- Built a lightweight video processing backend to handle live camera feeds efficiently and deliver low-latency predictions.
- Implemented a secure monitoring dashboard showing live footage, detection logs, and event timelines for faster response.

Smart Street Lighting System   Link | Oct 2025
- Designed an automated lighting system using motion and ambient sensors to adjust brightness based on real-time activity.
- Implemented microcontroller-based control for automatic ON/OFF, dimming, and energy optimization. Achieved improved efficiency by reducing unnecessary power usage through adaptive lighting algorithms.

TECHNICAL SKILLS

C++	Git	Github	DSA
Python	HTML	Javascript	MySQL
CSS	React	VS Code	SQL Injection(Basics)
XSS	IDOR	Linux(Basics)	

CERTIFICATIONS & COURSES

Coursera – CyberSecurity Professional	Link	2024
Coursera – Python	Link	2024
IBM - Web Development	Link	2025
Infosys - Java Achievement	Link	2024
IBM -AI Fundamentals	Link	2024

COMPETITIVE PROGRAMMING

Leetcode : Max rating - **1140** | Solved problems: **190+** | Top 94.58%
Codechef : Max rating - **1055** | Position : **1** Star | Problems : **137** | Division : **4**
Global Rank in Codechef : **162424** | Solved **137** problems

ACHIEVEMENTS

- Participated in 36 Hour Hackathon in KIT-College, successfully done our Smart Street Light with Camera Project.
- Successfully completed the Coursera Google Cybersecurity Professional Certification.