S V Aswin

📍 Kerala

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Career Objective

Recent Information Technology graduate from Government Engineering College, Palakkad (2024), passionate about software development. I thrive in collaborative environments and enjoy building scalable, user-friendly applications. Eager to contribute and grow by solving real-world problems using modern technologies.

Education

Government Engineering College, Palakkad
Bachelor of Technology in Information Technology
🗓 2020 – 2024 | 🎓 CGPA: **8.33**

Technical Skills

- **Languages:** Python, Java
- **Web Technologies:** HTML, CSS, JavaScript
- **Databases:** MySQL, PostgreSQL, MongoDB (basic)
- **Concepts:** Object-Oriented Programming (OOP), Software Development Lifecycle
- **Tools:** Git, VS Code, Postman, MySQL Workbench
- **Other:** Basic debugging and testing techniques

Projects

✅ 1. GestureX – Gesture-Based Computer Control System

Control systems using hand gestures via webcam.
⬜ **Tech Stack:** Python, OpenCV, MediaPipe
📷 **Screenshot(s):** (Add gesture detection image)
🔗 https://github.com/sarathk73/GestureX

✅ 2. Sentinel Eye – WiFi Threat Detection System

Monitors WiFi traffic for rogue APs or unusual activity using packet sniffing.
☐ **Tech Stack:** Python, Scapy, NetworkX
📷 **Diagram/Screenshot:** CLI demo or network graph
🔗 [https://github.com/sarathk73/SentinelEye-WIDS |](https://github.com/sarathk73/SentinelEye-WIDS)
https://github.com/sarathk73/SentinelEye-NetSecChallenger

✅ 3. Developer Portfolio Website

A personal website showcasing projects, skills, and resume.
☐ **Tech Stack:** HTML, CSS, JavaScript, Git, GitHub Pages
🌐 [Live Demo](#)
🔗 https://github.com/Aswin10401/developer-portfolio

✅ 4. To-Do List Web App

Web app to manage daily tasks with CRUD operations and local storage.
☐ **Tech Stack:** HTML, CSS, JavaScript, localStorage
 Screenshot: UI with task management
🔗 https://github.com/Aswin10401/todo-app

✅ 5. Bug Tracker – Mini QA Tool

A tool to log, track, and resolve bugs (optionally with a backend).
☐ **Tech Stack:** HTML, CSS, JavaScript *(Spring Boot backend version available)*
📷 **Screenshot:** Bug form and status view
🔗 https://github.com/Aswin10401/bug-tracker

✅ 6. API Testing Collection (Postman)

Test suites for APIs with automated scripts and examples.
☐ **APIs Tested:** Weather API
🎁 **Project Files:** Postman Collection (.json)
🔗 https://github.com/Aswin10401/postman-api-tests

Internship / Training

⌨ Java Spring Boot Bootcamp (Online)

- Learned Java, SQL, HTML, CSS, and backend web development using Spring Boot
- Built mini-projects including forms, landing pages, and CRUD apps

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Academic Achievements

- Final year project selected for internal **college expo**
- Participated in **coding challenges** and **hackathons** conducted by the department

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Strengths & Soft Skills

- Quick learner with strong curiosity
- Analytical thinker with problem-solving skills
- Effective communicator and team player
- Self-motivated and proactive

Languages

- **English:** Proficient
- **Malayalam:** Native
- **Hindi:** Basic working knowledge

Declaration

I hereby declare that the above information is true to the best of my knowledge and belief.