**Objective:**

Motivated and self-driven Full Stack Developer with a background in Electronics and Communication Engineering. Passionate about solving real-world problems through efficient software solutions. Looking for an opportunity to work in a challenging tech environment to grow and contribute as a developer.

**Education:**

**B.E – Electronics and Communication Engineering**  
Easa College of Engineering and Technology, Coimbatore **CGPA:** 7.8 (out of 10)  
Year of Passing: 2025

**HSC – Higher Secondary Certificate**   
State Board – Tamil Nadu **Percentage:** 70%

**SSLC – Secondary School Leaving Certificate**  
State Board – Tamil Nadu **Percentage:** 54.6%

**Technical Skills:**

**Frontend:** HTML, CSS, JavaScript, Bootstrap  
**Backend:** Java. **Database:** MySQL **Tools/Platforms**: GitHub, VS Code,Eclipse

**Projects**:

**Wildlife Monitoring Using Drone**

• Built a system that uses a drone to monitor forest areas with a live video feed. Enabled continuous aerial surveillance to track real-time movements in remote regions.

• Used Python and YOLOv3 to detect animals and humans accurately in real time. Implemented object detection models fine-tuned for forest environment classification.

• Streamed video output and generated alerts for intrusions via a web server. Ensured instant notifications through browser-based dashboards with live updates.

• Logged detected events with timestamps and GPS coordinates for analysis. Enabled tracking of historical data to identify patterns of activity and hotspots.

• Conducted field tests in simulated forest environments to improve accuracy. Fine-tuned detection thresholds and drone control for better real-world performance.

• Optimized performance using TensorFlow Lite and OpenCV to reduce latency. Achieved faster inference on edge devices to ensure near-instant recognition.

**Restaurant Site ):**

• Built a system that uses a drone to monitor forest areas with a live video feed. Enabled continuous aerial surveillance to track real-time movements in remote regions.

• Used Python and YOLOv3 to detect animals and humans accurately in real time. Implemented object

**Soft Skills:**

* Quick learner & Problem solver
* Self-motivated and reliable
* Good communication & Teamwork
* Adaptable to new technologies