

# Aswin K

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## PERSONAL STATEMENT

Enthusiastic AI/ML beginner with hands-on exposure to Object Detection using TensorFlow/Keras and a strong foundation in Python and React.js. Actively learning LLMs, LangChain, and Generative AI with a keen interest in building scalable, real-world AI solutions.

## EDUCATION

**K S Rangasamy College of Technology, Salem, Tamil Nadu**

2022 - Present

Bachelor of Engineering (Computer Science Engineering)

**CGPA:** 8.38 /10 (Till 5th semester)

## INTERNSHIP

**AICTE Virtual Internship – Object Detection (AI/ML) (10 weeks)**

April – July 2025

- Completed a virtual internship focused on Object Detection, supported by Google Developers and EduSkills.
- Gained hands-on experience with image annotation, model training using TensorFlow/Keras, and evaluation of object detection systems.
- Explored applications of AI in real-world scenarios and enhanced understanding of computer vision techniques in production settings.

## CERTIFICATIONS

### INFOSYS SPRINGBOARD

- Java Programming Fundamentals
- Introduction to AI

### NPTEL

- Cyber Security and Privacy
- A Joy of Computing Using python
- Privacy and Security in Online Social Media

### COURSERA(LEARNQUEST)

- Oracle SQL Basics

## SKILLS

**Programming:** Python, C, Java, JavaScript

**Databases:** MySQL, MongoDB

**Web Technologies:** HTML, CSS, React.js, Bootstrap

**Version Control:** Git, GitHub

**AI/ML Tools:** TensorFlow, Scikit-learn, Pandas, NumPy

**Dev & Testing Tools:** Figma, Postman,

**Deployment Tools:** Stream lit (basic), Docker (learning)

## ACHIEVEMENTS

- First Prize in 5G Networking Presentation – Won at Kumarasamy College of Engineering for expertise in next-gen communication technologies.
- Ranked 227th out of 3000+ Participants in Unstop's Engineering February Series – Achieved a competitive standing in a monthly problem-solving challenge.

## PROJECTS

- **IPL Prediction Project:** Built a machine learning model to **predict IPL match** outcomes using **past match data**. Implemented **Logistic Regression** and **Random Forest** algorithms for classification and used **Pandas**, **Scikit-learn**, and **Matplotlib** for preprocessing and analysis.
- **Wanderluxe:** Developed a Tourism Management System using **JavaScript & MySQL**, streamlining bookings and reducing manual effort by 40%, leveraging **HTML**, **CSS**, **JavaScript**, **MySQL**, and **VS Code**.
- **AgriSeithi:** Built a responsive web platform providing **real-time agricultural insights**, **integrating APIs** for data-driven updates using **React.js**, **HTML**, **CSS**, and **JavaScript** to enhance accessibility for farmers.