

Aswin K

+91 9578413638 | Salem, Tamil Nadu | aswinkannan0606@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Passionate Web Technology enthusiast with hands-on experience in Web API Testing, Secure Coding, and Full-Stack Development. Solid Proficient in JavaScript, Java, and React, with a solid foundation in C, MySQL and Node.js. Dedicated to building secure, scalable, and efficient web solutions while continuously exploring innovative technologies.

EDUCATION

K S Rangasamy College of Technology, Namakkal, 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

- Built object detection models using **TensorFlow** and **Keras**.
- Applied computer vision techniques including image annotation, training, and model evaluation.
- Gained exposure to real-world AI-driven applications and workflows.

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: C, Python, Java, JavaScript

Databases: MySQL, MongoDB

Web Development: HTML, CSS, React.js, Bootstrap, Node.js

Version Control: Git, GitHub

AI/ML Tools: TensorFlow, Keras

Dev & Testing Tools: Figma, Postman, Eclipse IDE

Core Areas: AI/ML, Object Detection, Secure Coding, Full-Stack Development

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.
- **Wanderlux:** 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.