

Aswin K

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PROFESSIONAL SUMMARY

Passionate Web Technology enthusiast with hands-on experience in Web API Testing, Secure Coding, and MERN-Stack Development. Solid Proficient in JavaScript, Java, and React, with a solid foundation in 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
- Privacy and Security in social media

COURSERA(LEARNQUEST)

- Oracle SQL Basics

SKILLS

Programming	: C, Python, Java, JavaScript	Databases	: MySQL, MongoDB
Web Development	: HTML, CSS, Bootstrap, React.js Express.js, Node.js	AI/ML Tools	: TensorFlow, Keras
Version Control	: Git, GitHub	Core Areas	: MERN Stack Developer, UI/UX Developer,
Dev & Testing	: Figma, Postman, Eclipse IDE		Image Processing (Object detection)

PROJECTS

- **Wander luxe:** 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.
- **IPL Prediction Project:** Developed an ML model to predict **IPL match outcomes** using **historical data**. Applied **Logistic Regression** and **Random Forest** for classification, with Pandas, and Matplotlib for data handling and analysis.

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.