**Curriculum Vitae**

**Shiva Soorya Sreekumar**

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**Professional Summary**

Enthusiastic first-year CSE(CORE) student at AMRITA VISHWA VIDYAPEETHAM, eager to apply academic knowledge in real-world settings. Passionate about coding with strong analytical and communication skills. Seeking opportunities to gain hands-on experience and grow professionally.

**Education**

**Degree Earned** – AMRITA VISHWA VIDYAPEETHAM, 2028 (ongoing)

**Skills**

* [leadership skills]
* [coding]
* [dance]

**Certifications**

**CYBER SECURITY BASICS** – Coursera, 2023  
**CYBER SECURITY(ADVANCE)**– Coursera, 2025

**Projects**

**Project: Smart Waste Management System**

**Description:**

**Developed a Smart Waste Management System using IoT and data analytics to optimize waste collection in urban areas. The project aimed to reduce operational costs and environmental impact by implementing real-time monitoring of waste levels in bins.**

**Role:**

* **Designed and implemented the data collection framework using IoT sensors.**
* **Developed an application to visualize waste levels and optimize collection routes.**
* **Collaborated with a team to analyze data trends and improve efficiency.**

**Outcome:**

* **Reduced waste overflow incidents by 40% through predictive collection scheduling.**
* **Improved waste collection efficiency, cutting fuel costs by 25%.**
* **Received positive feedback from stakeholders for its sustainability impact.**

**Languages**

English Proficiency Level – C1

Malayalam - Proficiency Level – B1

Hindi - Proficiency Level – B1

French - Proficiency Level – A2

Chinese - Proficiency Level – A1