

SIDDHARTH LADDA

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EDUCATION

Amrita Vishwa Vidyapeetham, Coimbatore, Tamil Nadu, India
B. Tech Computer Science and Engineering

AUGUST 2023 – JULY 2027

- CGPA: 7.53

PROJECTS

Notivos-AI

GitHub

- Developed a desktop note-taking application using Electron.js with core CRUD, sorting, and search functionality.
- Integrated Google Gemini for AI-based answering, summarization, and text-to-speech accessibility.

Adaptive FL with Compression

GitHub

- Built an edge-computing system capable of performing low-latency local processing using CI-based decision logic.
- Implemented lightweight modules demonstrating efficient distributed computation with minimal cloud dependency.

ACHIEVEMENTS

- **Volunteered at Webots Hackathon:** Guided participants in robotics simulation using Webots, covering topics from basic robot control to intelligent behavior modeling.
- Contributed to fostering hands-on learning and collaboration as part of the Robotics Club initiative.

CERTIFICATIONS

Java Fullstack Development – A Backend Perspective

Completed

- Completed with 76.98% through CIR, Amrita Vishwa Vidyapeetham.

[View Certificate](#)

AWS Academy Cloud Foundations

In Progress

- Currently enrolled in the AWS Academy Cloud Foundations certification course.

TECHNICAL SKILLS

Languages: C, Java, Python, JavaScript, C++

Technologies: HTML, CSS, Node.js

Databases: PostgreSQL, MySQL, MongoDB

Software: Linux, MATLAB

AI & Machine Learning: NumPy, Pandas, PyTorch, TensorFlow, Scikit-Learn

Coursework: Data Structures and Algorithms, Object-Oriented Design, Operating Systems, Database Design, Machine Learning