

# SIDDHARTH LADDA

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## EDUCATION

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

August 2023 – July 2027

- CGPA: 7.50/10.00

## PROJECTS

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### FreshFetch

GitHub

- Developed a full-stack grocery and essentials ordering web application.
- Built responsive UI using React and Tailwind CSS with Node.js and Express backend.
- Implemented database-backed product listings and order management.

### Notivos-AI

GitHub

- Developed a desktop note-taking application using Electron.js.
- Integrated Google Gemini for AI-based answering, summarization, and text-to-speech.

### Adaptive FL with Compression

GitHub

- Designed an edge-computing system for low-latency federated learning.
- Implemented CI-based decision logic for efficient local processing.

## CERTIFICATIONS

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### AWS Academy Cloud Foundations

In Progress

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

## TECHNICAL SKILLS

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

**Technologies:** HTML, CSS, Node.js, React, Express.js, Tailwind CSS

**Databases:** PostgreSQL, MySQL, MongoDB

**Software:** Linux, MATLAB, Git, Postman

**AI & Machine Learning:** NumPy, Pandas, PyTorch, TensorFlow