

# LYDIA V

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## Education

**Chennai Institute of Technology, B.Tech Computer Science and Business Systems** Nov 2022 – May 2026

- CGPA: 9.0

## Experience

**Web Developer Intern**, Dot Com Infoway , Madurai, TamilNadu Nov 2023 – Dec 2023

- developed a **second-hand car sales website**, showcasing **100+ car listings** and achieving a **30% improvement in navigation efficiency**, resulting in an enhanced platform usability and customer experience.

**Frontend Developer Intern**, Altruisty – Chennai, TamilNadu May 2024 – July 2024

- developed a dynamic "Funding and Opportunities" page for the company's AI Startup Launchpad Web Application, featuring modular components, interactive carousels, and responsive forms using React achieving 25% improvement in user engagement on key sections and 30% increase in mobile compatibility.

## Publications

**Detection and Classification of Conflict Flows in SDN using Machine Learning Algorithms.** Oct 2024

Vishali Muralidharan, Lydia V

## Projects

**AI-Powered Personalized Learning Platform** <https://github.com/vlyd04/vultr-project>

- Developed a AI-Powered Personalized Learning Platform uses AI to deliver customized education and automate assessments, utilizing machine learning and NLP for tutoring and feedback.
- Tools Used: Reactjs, Nodejs, MongoDB

**TravelEase: Your Smart Travel Companion** <https://github.com/vlyd04/ChatBot>

- developed a website which helps users book hotels and nearby events, and provides personalized travel recommendations
- Tools Used: Angular, Nodejs, MongoDB, RESTful API's.

## Certifications and Achievements

- Cloud Computing by NPTEL
- AWS Fundamentals by Coursera
- The Complete 2023 Web Development Bootcamp by Udemy.
- Introduction to Cybersecurity by CISCO.

## Technologies

**Languages:** Python, Java, SQL, JavaScript

**Technologies:** Reactjs, Angular, Nextjs, Nodejs, Expressjs, Flask, Git, Github, Figma, Bootstrap, Html, Css.