



# THANESH NAGARAJAN

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**WWW:** <https://thanesh177.github.io/cv/>

## PROFESSIONAL SUMMARY

Positive and innovative, with a keen interest for robots and computer science. Quickly adaptive to new technologies and systems. Hands-on experience building interactive projects and programmable robotic bots, along with an understanding of robotic systems and programming languages like Python and Java. Eager to learn and grow in a new challenging environment.

## SKILLS

- Programming
- App-Development
- Networks
- Web-Designing
- Machine learning
- Robotics

## WORK EXPERIENCE

**Robotics Teacher** | Kalam Institute for Technical Education - Chennai, IN  
12/2022 - 05/2023

- Worked as a teacher and taught robotics and physics to students from 2nd to 12th grade.
- Conducted various seminars and workshops about robotics on how to build bots in colleges and universities.
- Successfully created interactive projects, contributed to syllabus preparation and prepared students and won competitions.
- Have experience creating various Robotic bots with various sensors and motors using Arduino-UNO (i.e., pathfinder, multifunctional agricultural robot, autonomous fire extinguisher robot ...).

## EDUCATION

Lakehead University, Thunder Bay, ON  
**Master of Science:** Computer Science

EXPECTED IN 04/2025

- Improving human-robot interaction using action recognition and action prediction - uses a neural network model to train and predict the future actions of the person - Research project.
- Stockie - A website that displays stock price summaries and news about the relevant stock using web scraping and uses AI to predict the next day. Stock Price - Personal Project
- Book-Cycle—A mobile application that makes buying and selling books easier with database functionalities. - Personal Project
- Medicine-Online - A fully functional web-based application that allows the user to buy any medicine online in a single click (prototype). - Personal Project