

## Thejash Kumar T K

+91-7010911984

[thejashkumartk2002@gmail.com](mailto:thejashkumartk2002@gmail.com)

[thejash-kumar-t-k](#)

[thejash-kumar-t-k](#)

### PROFILE

- An emerging engineer with specialization in Computer and Communication
- Expertise in C++, Java, Python, DBMS along with IoT and web development
- Good interpersonal skills with an ability to solve complex problems in teams
- Analytical thinking and good debugging skills
- Learn, Contribute and grow with the organisation while enhancing domain experience

### EDUCATION

#### • B.Tech. in Computer and Communication Eng.

CGPA – **7.5** / 10 (current) 2020 – (2024)

Amrita School of Engineering,

Amrita Vishwa Vidyapeetham, Coimbatore, TN

#### • AISCCE (11 – 12<sup>th</sup> Std.) 2018 – 2020

Percentage – **81.6%**

Nalanda International School (CBSE), Krishnagiri, TN

Subject: Maths, Physics, Chemistry

#### • AISSE (10<sup>th</sup> Std.)

2018

Percentage – **78.8%**

Nalanda International School (CBSE), Krishnagiri, TN

### TECHNICAL SKILLS

#### Languages:

C++ • Java • Python • C • MATLAB

#### Web Development:

HTML/CSS/JavaScript • Flask

#### DBMS:

MySQL • Oracle • SQL Alchemy

#### OS:

Raspbian (Linux) • ARM (x32/x64)

#### Hardware:

LP2148 • MSP432 • ESP32 • Arduino UNO •

Raspberry pi

#### Office ware:

MS Excel • MS Word • MS PowerPoint

#### IDE / Tools:

VS Code • AWS • Pycharm • Spyder • KEIL 4 •

Android Studio • Proteus 8 • Cisco Packet Tracer •

WireShark • Thonny IDE

#### DevOps:

Git • GitHub

### LANGUAGES

- English – Full Professional proficiency

- Tamil, Telugu – Native proficiency

### EXTRA CURRICULAR ACTIVITIES

- Badminton
- Cricket

### TECHNICAL INTERESTS

- Internet of Things
- OOPS
- DSA
- Machine Learning
- Web development
- App development
- Computer Networks
- Embedded Computing

### ACHIEVEMENTS

- **Runner** – Inter-School Cricket Tournament  
Year: **2023**  
Amrita Vishwa Vidyapeetham, Coimbatore
- **Runner** – Inter-College Badminton Tournament  
Year: **2022**  
Amrita Vishwa Vidyapeetham, Coimbatore

### CERTIFICATIONS/UPSKILLING

- **MATLAB Onramp (Online)** 2023

Organizer: **MathWorks**

Credentials: [MatlabAcademy](#)

### Workshop

- **In-Plant Training**

2023

Organizer: Titan Company Limited, Hosur

### PROJECTS

- **Hand-gesture controlled Drone**  
Mar 2023 – July 2023 (**5 months**)  
Domain: IoT  
Aim: Design and control a drone using hand gestures  
Tools: Python, Spyder IDE, RF Transceiver
- **Robotic Arm Controller**  
Feb 2023 – May 2023 (**4 months**)  
Domain: IoT, App development  
Aim: Design a robotic arm to lift objects using app  
Tools: Python, Raspberry Pi, Thonny IDE  
Android Studio
- **House Price Prediction**  
Mar 2022 – Jul 2022 (**5 months**)  
Aim: Predict house price based on features of house and locality  
Tools: Python, ML classifiers (Regression)
- **Institutional chatbot**  
Sept 2022– Jan 2023 (**5 months**)  
Domain: Web development  
Aim: Create a chatbot for institutions  
Tools: HTML, CSS, JS, AWS, Kommunicate.io, EC2

- **GPS with LPC2148**

Jun 2021 – Sep 2021 **(4 months)**

Domain: Embedded Systems

Aim: Interface GPS system with LPC2148

Tools: LPC2148, GPS, KEIL, Proteus

Role: Code for interfacing LPC2148

- **Text to Speech conversion**

Sep 2021 – Dec 2021 **(4 months)**

Aim: Design a system to convert text  
input into speech output

Tools: Python