# Midurn J

51, Periyar Nagar, Srirangam, Trichy, Tamil Nadu, 620005, India

March 30, 1999

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## SKILLS

| | |
|---|---|
| Python | MySQL |
| HTML | SolidWorks |
| CATIA | Arduino |

## LANGUAGES

| | |
|---|---|
| English / Tamil | Hindi / German |
| Fluent | Basic |

## AWARDS

| | |
|---|---|
| Vashisht (Runner up) | Vashisht (Runner up) |
| Robotics Club IIITD&M | Robotics Club IIITD&M |
| RC Bot Racing | Autonomous Maze Solving boat |

## INTERESTS

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|---|---|
| Internet of Things | Block Chain |

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An enthusiastic, versatile, young individual seeking an opportunity to play a challenging role to the commitment of the company's excellence and continual improvement in compliance to the necessary standards and personal grow

## EDUCATION

**Indian Institute of Information Technology Design and Manufacturing, Kancheepuram** *(August 01, 2017 - September 24, 2021)*

B.Tech, Smart Manufacturing

'Interdisciplinary'

Data Structures and Algorithms — Industrial Design Sketching — Database Management System — Design Realization — Internet of Things — Data Analytics — Manufacturing Processes — Operations and Supply Chain Management

## WORK EXPERIENCE

**SQS NDT International**
Project Intern

*Non-Destructive Testing (NDT) Service Intern || Learnt various NDT techniques || Hands on experience in NDT*

**Processing of Banana Stem for fibre extraction at IIITD&M**
Research Assistant

*Design of an Optimal stem cutting system || Development of an adaptive transfer System*

## VOLUNTEER EXPERIENCE

**Samgatha IIITD&M**
Publicity Co-Ordinator

Coordinator of Public relations for inter college cultural fest

**Shockwave Symposium IIITD&M**
Management Volunteer

Intra college technical event

## CERTIFICATIONS

**Python**
NPTEL

*programming using Python*

**Bitcoin and Cryptocurrencies**
BerkeleyX

*comprehensive and in-depth overview of the fundamental concepts of the crypto space*

**RC Aircraft Design**
Sky-Fi Labs

*estimation of aerodynamics and performance of an R/C model aircraft*

## PROJECTS

### Additive Manufacturing
3D Printing

*Design, Simulation and Fabrication of F1 brake pedal || Lightweight, lattice structured prototype*

### Smart ECG
IoT

*IoT based heartrate monitoring system || Application for remote monitoring*

### Food Order Website
localhost

*Website for food order placement*

### Blockchain in Supplychain
Research project

*Study on implementation of blockchain technology into industrial supply chains*

### Harbest - Crop Predictor
ML based prediction system

*A device to measure soil pH and suggest crops to be planted and manure to be used*

### Metal Spinning
Study on Manufacturing process

*Attempts at modification of a Lathe machine to suit Metal Spinning*