Midurn J

- Trichy, Tamil Nadu, 620005, India
- March 30, 1999
- midurnj@gmail.com
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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

Internet of Things	Block Chain
Cryptography	Game Development

Enthusiastic professional skilled in a diverse range of design and development tools, eager to take on challenging roles and drive impactful outcomes.

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

Kameleon Tech
(March 15, 2023 - Present)

DevOps Engineer

Currently working here

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