



# MOULI PRASATH D K

BE.MECHANICAL ENGINEERING

## CAREER OBJECTIVE

Looking for a challenging role in a dynamic stable organisation to utilize my technical and analytical skills for the growth of the organisation as well as to enhance my knowledge.

## PROJECTS

- ✓ **smart attendance capturing system:**  
Designed a app for reduce the crowd while registering biometric during corona peak days.
- ✓ **Solar Ocean water desalination system:**  
Designed a water desalination system using phase change material with solar assests.
- ✓ **Net-zero energy homes:**  
Designed and worked as team lead in the net zero energy project conduct by solar decalathon india.
- ✓ **Solid state thermal absorption system:**  
I have designed a nonelectric refrigerator which uses eco friendly refrigerant and runs 24/7 and portable with carbon absorbant and ethonal.

## INTERNSHIPS

- ✓ **Maruti suzuki sales and service center |**  
**June 2021 – July 2021**  
worked with the hydraulic machines and car service and sales team of Maruti Suzuki.
- ✓ **Naan Muthalavan Intern by government of**  
**Tamilnadu | March 2023 – April 2023**  
learned python programming and problem solving.

## ACHIEVEMENTS

- ✓ **India Book of Record holder** – with a title of 'Largest fingerprint portrait of Bharathiyar made non-stop by a teen'.
- ✓ **Asia Book of Record holder** – with a title of 'Largest fingerprint portrait of Bharathiyar made non-stop by a teen'.
- ✓ **Guinness Book Record**– with a title of 'Largest drawing by a team in the world'.

## PERSONAL DETAILS

D.O.B: 16 th December, 2003

Gender: Male

Languages known:  
Tamil (R,W,S), English (R,W,S),

## CONTACT

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✉ mouliprasath.me21@bitsathy.ac.in

## EDUCATION

BANNARI AMMAN INSTITUTE OF TECHNOLOGY

(2021 – 2025) – present

CGPA – 7.44 upto 4rd semester

SREE VENKATESHWARA VIDHALAYA, THASAMPALAYAM.

12th Secured 92% in the Biology Math

group.

10th Secured 88%.

## AREA OF INTREST

Net zero energy engineering

Re & Hvac systems

Web development

Ui designing

MERN Developer

Efx editing

## TECHNICAL SKILLS

Python intermediate  
C intermediate  
JavaScript  
Bootstrap  
Node.js  
Express

## HOBBIES

Books writing and publishing  
Skecthing  
Digital Arts  
Playing Football  
Cycling

- ✓ **ACUMEN 2k22 winner** – participated and won 'First Prize' in paper presentation in the title of "Evolution in e-vehicles.
- ✓ Finalists in solar decalathon India-net zero energy.
- ✓ Shortlisted for second round in Elan & Envision Hackathon conducted by IIT Hyderabad.

## CERTIFICATES

- ✓ Solar Decalathon India-net zero energy team lead certificate.
- ✓ Basics of python completing certificate from udemy.

## PATENTS

- ✓ Filed a patent entitled "MSD laser pen"| Jul 2021.
- ✓ Filed a patent entitled "Domestic water tank with nozzle cleaning system" | May 2022.
- ✓ "Solid state thermal absorption system"| August 2023.

## SKILL TRAINER

Trained a class of 50+ students (1st year) for Potrait drawing | Apr 2023.

## DECLARATION

I MOULI PRASATH D K, hearby declare that the above written particulars are true to the best of my knowledge.

MOULI PRASATH D K