SATHYA P

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EDUCATION

National Institute of Technology Karnataka, India   Dec 2022 - June 2024
Bachelor of Technology - Mechanical Engineering; CGPA: 8.16/10

Bhagat Public School, Rajasthan, India   Jun 2019
CBSE Class XII - 82.6 percentage

Bharathi Matricualation Schoo, Tamilnadu, India   June 2016
SSLC Class X - 98.8 percentage

TECHNICAL SKILLS

Languages	Python, HTML, CSS, C, JavaScript
Software	Fusion360, Ansys-Workbench(structural-analysis), AutoCad
Soft Skills	Time Management, Teamwork,Good Communication, Problem Solving, Leadership,

PROJECTS

Project 1 Structural Analysis of Human Femur Bone

- Static Analysis of femur Bone and Hip-joint (Biomechanical Analysis)
- 3D modelling of Human Femur Bone.
- FEM of bone with Ansys

Project 2 ML based assembly robot hand bot(On-Going)

- Robotic arm simulation implemented with ML
- Linear Regression and Neural Networks
- Pybullet and Pytorch

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INTERESTS

- Interested to work in field of Thermodynamics
- Passionate in web design using HTML, CSS and JavaScript

POSITIONS OF RESPONSIBILITY

The Institute of Engineers (IE) Executive Member, NITK Chapter.

- Teaching: Mentored 10+ college freshmen in the fields of Aeroplanes and its dynamics.
- Organization: Coordinated multiple interactive events like enigma for over 200+ students.

EXTRA CURRICULAR

Kabaddi	Part Of NITK Kabaddi Team and school team.
Organisation	Had a part in organising sports events in NITK