

## Mukhil Sarvesh S

### PROFILE

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A mechanical engineering student looking for opportunities to apply engineering knowledge on real life problems and, in the process get to know new skills and gain interdisciplinary knowledge .

### EDUCATION

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- **B.Tech Mechanical Engineering**

**CGPA – 8.88 / 10**

**2019-2023**

Amrita Vishwa Vidyapeetham

- **Class 12 – 92.3%** **2019**

Institution: GD Matriculation Higher Secondary School

- **Class 10 – 96%** **2017**

Institution: GD Matriculation Higher Secondary School

### TECHNICAL INTERESTS

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- Strength of materials
- Automotive technology
- Operations research and Supply chain management.

### PROJECTS

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- Working on a project in building a hybrid vehicle with Team ASTRA for SAE REEV EVENT. Participated in the Virtual event held on April. Contributed in the design and fabrication of steering as the Leader of the Steering subsystem . Fabricating the steering system with the constraint to provide ergonomic handling and producing less weight to the vehicle.

### TECHNICAL SKILLS

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- MATLAB
- AUTOCAD
- SOLIDWORKS
- ANSYS
- ADAMS
- C
- Python
- HTML

### INTERNSHIP

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- CATERPILLAR INDIA PVT.LTD.  
Duration: 14th June-2022 to 11th July 2022  
Outcome:Completed a project to increase the Bin storage density in the warehouse.To understand the lean principle involved and completed a defect free process survey and planning.
- TECHNO FINE INDUSTRIES  
Duration/Period :JAN 2020.  
Outcome: Gained fundamental knowledge on assembling and operation of air compressors.

Assembled various air compressors from scratch and also gained knowledge on pneumatic pumps.

### CERTIFICATIONS

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- Online certification on Engineering Mechanics by Georgia Institute of Technology via coursera. ·
- Online certification in “Python for everybody “ conducted by University of Michigan in Coursera. ·
- Certification in Machine learning from NPTEL.

### ACHIEVEMENTS & HONOURS

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- Zonal level football player representing school.
- School Pupil leader of the school.

### EXTRA CURRICULAR ACTIVITIES

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- Athletics
- Football
- Public speaking

### LANGUAGES

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- English
- Tamil

### HOBBIES

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- Reading books
- watching movies