



# Abhinav C

## Mechanical Engineer

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☎ 9030784984

📅 Jun 21, 2000

📍 Hyderabad, India

👉 <https://theabhiverse.com/>

### Profile

Award winning Design Engineer with 1 year of experience in CAD modeling and product development. Collaborative team player with proven track record of delivering multiple, concurrent projects in fast-paced environments.

### Professional Experience

#### Project Engineer, HITAM IICP

Jul 2021 – Sep 2022 | Hyderabad, India

During my role as a Project Engineer, I was responsible for completion of the following projects.

- Thermo - Mechanical Analysis on Steam Turbine Casing for Turtle Turbines Pvt Ltd
- Knowledge-Based Engineering on chains for Tripcon Engineering Pvt Ltd
- High-Speed Gearbox Design for Siemens Vadodara
- Knowledge-Based Engineering on High-speed Gearbox
- Knowledge-Based Engineering on chains for Tripcon Engineering Pvt Ltd.
- Electric 2 wheeler - 3D CAD modelling, Digital Rendering, Prototyping, Manufacturing.

#### Product Design Intern, Adapt Motors Pvt Ltd

Jun 2021 – Jul 2021 | Hyderabad, India

- Electric Three-Wheeler Auto Design and Rendering.
- Converted project specifications into drawings and other materials that would be used to create product.

### Software Knowledge

#### SolidWorks

CAD and CAE

#### Ansys

Computer Aided Engineering

#### Autodesk Fusion

CAD and CAE

#### Autodesk Inventor

CAD and CAE

#### Keyshot

Digital Rendering

#### Blender

Digital Rendering

#### Ultimaker Cura

3D Printing Software

#### Lotus Shark

Suspension Software

Vehicle Dynamics

### Skills

3D CAD Modelling, 3D Printing, Finite Element Analysis, Computational Fluid Dynamics, Digital Rendering, Knowledge Based Engineering, Topology Study, Vehicle Dynamics, Python

## Education

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**Master of Business Administration (MBA),**  
*PRR College of Commerce and Management*  
2021 – present | Hyderabad, India  
Specialization - Marketing

**Bachelor of Technology (B-Tech), Hyderabad**  
*Institute of Technology and Management,*  
*Hyderabad.*  
2017 – 2021 | Hyderabad, India  
Mechanical Engineering  
CGPA - 6.92

**Intermediate,**  
*Sri Chaitanya Junior College, Hyderabad*  
2015 – 2017 | Hyderabad, India  
CGPA - 7.9

**SSC, TVR Model High School, Hyderabad**  
2005 – 2015 | Hyderabad, India  
CGPA - 8.7

## Achievements

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- Achieved MECH Rank-2 by competing in Altair Optimization contest (AOC) 2022 in the Industrial Design category with accuracy and efficiency.
- Engineering Major Project- Suspension System Test Bench.
- Design lead- Team RevClusters (HITAM MOTORSPORTS CLUB)
- Collaborated with team of 25 in the development of Quad Bike.
- Participated in Quad Bike Design Challenge season 4, organized by the fraternity of mechanical and automotive engineers (FMAE)
- MOC -2019 (MASTER ORATOR CHAMPIONSHIP) Semi-Finalist and was placed under the top 50 Nationwide.

## Publications

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**Competition Based Learning in Engineering Education, ASME-IMECE2022**

**Role of Motorsports Club in Engineering Education, ICEM 2022**

**Virtual Lab Simulator in Engineering Education, ICEM 2022**

## Languages

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**English**   
*British Council - CEFR C1*

**Hindi** 

**Telugu** 

## Hobbies

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Watching F1, Riding Bike,  
Writing articles, poems, lyrics, Cricket, Billiards,  
Basketball

## References

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**Dr. K Siva Prasad (HITAM),**  
*Assistant Director – Doing Engineering,*  
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## Declaration

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I hereby declare that all statements made above are true to the best of my knowledge and belief.