

Shashank M V

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Objective: To work for a progressive organization in a highly motivating and challenging environment that provides the best opportunities to grow and utilize my potential to achieve the organization's goal and my personal goals.

Education:

B.E(2015-2019) | Mechanical -Bangalore Institute of Technology

CGPA-8.6

Courses-

Fluid Mechanics, Turbomachinery, Computer-Aided Manufacturing (CAM), Product Lifecycle Management (PLM), Computer-Aided Design (CAD), Automotive Electronics, Mechatronics, Control Engineering, Smart Materials and MEMS, Automobile Engineering, Finite Elemental Method, Basic and Applied Thermodynamics, Kinematics and Dynamics of Machines.

12th (2014-2015) | Jain College -Jayanagar, Bangalore

Percentage-92.12 (Physics, Chemistry and Mathematics-98%)

10th (2012-2013) | JSS Public School, Bangalore

CGPA-8.2

Technical Qualifications:

AutoCAD, CATIA, ANSYS Workbench, MATLAB, SolidWorks, C#, MS Word, Python, SQL, Java.

Experience:

Internship Trainee - Stumpp Schuele Somappa Springs Pvt Ltd (07/18-08/18)

Learnt about different manufacturing systems and processes used to produce different components for the automobile industry. Checked the manufactured parts for quality and tolerances.

Chief Designer -Team FIREhawks (10/16-11/17)

Built a zero-emission Three-wheeled vehicle which runs on Mechanical and Electric Power. Designed the chassis of the vehicle on CATIA V5 R21 and fabricated the vehicle. The structural analysis of chassis was done on Ansys. The vehicle was This vehicle was built for EFFICYCLE-2017 a competition organized by SAE-INDIA held in LPU Jalandhar in which around 70 teams from all over India participate every year.

Additional Qualifications:

- **Professional in Product Design and Analysis** -CADD Centre. (AutoCAD, CATIA, Ansys Workbench and GD&T)
Gained the knowledge of CAD Tools for Modeling, Drafting, Analysis and Geometric Dimensioning and Tolerancing (GD&T).
- **Automotive Industry Simulation Internship** -Experts Hub.
Designed the engine specifications for a Sports Coupe.
- Goethe Zertifikat A2 (German A2)
- Attended a workshop on **Linear Algebra for Engineering Applications**.
- Attended a workshop on **HVAC Designing**.

Projects:

Air-Conditioned Helmet: Design and fabrication of an air-conditioned helmet using peltier semiconductor chip. This component was designed on CATIA V5 and fabricated using Additive Manufacturing. The component was designed such that it can be fit to any conventional helmet.

Efficycle: Designed the chassis of a Three-wheeled hybrid vehicle.

Robotic Arm: Built a 3-axis robotic arm made using Arduino and Servo motors.

Interests:

Physics, Designing, Automotive Engineering, Robotics, Automation, Electric Vehicles.

Achievements:

- 5th rank in 6th Semester of Engineering.
- First class distinction in 7 consecutive semesters of Engineering.
- Award of Appreciation from Jain College.
- 2nd place in Science CCA Competition held in School.

Hobbies: Listening to Music, Reading, Football, Cricket, Gaming.

Languages Known:

Language	Write	Speak
English	Yes	Yes
German	Yes	Yes
Hindi	Yes	Yes
Kannada	No	Yes
Telugu	No	Yes