Shashank K M

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Objective

Motivated and detail-oriented Mechanical Engineering undergraduate with hands-on experience in CAD tools (SolidWorks, CATIA, Fusion 360) and a foundational knowledge of CNC programming. Looking to apply practical skills and theoretical understanding in a challenging engineering role.

Education

Bachelor of Engineering (B.E.) in Mechanical Engineering

JSS Academy of Technical Education, Bangalore

2023 – 2026 | Current GPA: 7.71

Diploma in Mechanical Engineering

Sandur Polytechnic, Karnataka

2019 – 2022 | Percentage: 71.65%

SSLC

Krupa Nilaya School

2017 – 2019 | Percentage: 68.96%

Internship Experience

Toyota Industries Engine India Pvt. Ltd. – Production System Trainee

Jigani Industrial Area, Bangalore | Dec 2022 – Dec 2023

- Assembled engine components and contributed to efficient production flow.
- Gained hands-on experience in manufacturing practices and process discipline.

AutoCAD Internship (Ongoing)

Mar 2025 – Sep 2025

- Learning 2D Drafting, 3D Modeling, and basic simulation techniques.

Projects

Major Project – Springless Car Suspension using Bevel Gears

- Developed an innovative suspension system replacing springs with bevel gears.

- Focused on rotational motion transfer for better durability and reduced mechanical complexity.

Computational Project – Virtual F1 Car Assembly (Ongoing)
- Simulated and assembled F1 car parts following SAE SUPRA guidelines.
- Integrated multiple subsystems while analyzing design and aerodynamics.

Technical Skills

- **CAD Tools:** Fusion 360, SolidWorks, CATIA (Basic)
- **Software:** AutoCAD, Python, MS Office (Word, Excel)
- **Mechanical:** Strength of Materials, Mechanical Systems

Certifications

- AutoCAD Certification (Modeling, Simulation, Drafting) – Ongoing
- 1-Year Industrial Experience – Toyota Industries Engine India Pvt. Ltd.