

Resume: Engineering Professional

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Professional Summary

Results-driven and detail-oriented Engineer with over 4 years of experience in designing, developing, and optimizing technical solutions. Adept at problem-solving, team collaboration, and implementing innovative systems to improve performance. Passionate about engineering principles and delivering sustainable solutions.

Skills

Technical: AutoCAD, MATLAB, SolidWorks / Python, C++, Java

Tools: Jira, Git, Docker, Jenkins, Ansys, LabVIEW

Methodologies: Agile/Scrum, Lean Manufacturing, Six Sigma

Soft Skills: Communication, Critical Thinking, Team Collaboration, Time Management

Experience

Mechanical Design Engineer - TechNova Solutions Pvt. Ltd. (2021-2023)

- Designed and tested mechanical components for industrial automation systems.
- Improved product performance by 18% through iterative design and stress testing.
- Collaborated with cross-functional teams to meet project goals.

Engineering Intern - L&T Technology Services (2020-2021)

- Assisted in 3D modeling and simulations using SolidWorks and Ansys.
- Supported product lifecycle management and documentation.
- Participated in prototyping and field testing.

Education

B.Tech in Mechanical Engineering - Indian Institute of Technology, Bombay (2016-2020)

CGPA: 8.3/10

Final Year Project: "Design Optimization of a Heat Exchanger System for Automotive Applications"

Certifications

- Certified Six Sigma Green Belt - ASQ
- AutoCAD Professional Certification
- Python for Engineers - Coursera

Projects

- Smart Irrigation System (IoT-based): Designed and built a cost-effective system using microcontrollers and sensors.
- CAD Design for Electric Scooter Chassis: Created a lightweight, durable chassis optimized for urban mobility.

Languages

English (Fluent), Hindi (Native), Kannada (Conversational)