

Professional Summary

Results-driven Mechanical Engineer with 8+ years of experience in the automobile industry, seeking a challenging role that leverages my technical expertise to drive innovation and growth. Proven track record of successfully leading cross-functional teams and implementing process improvements that enhance efficiency and productivity.

Professional Experience

Senior Mechanical Engineering Manager (AU09)

Inazuma.co | January 2020 - Present

Mechanical Engineering Team Lead

Turbo Motors Inc. | June 2018 - December 2019

Key Achievements:

- Successfully led a team of 5 engineers in designing a new engine model, resulting in a 15% increase in fuel efficiency.
- Implemented a lean manufacturing process, reducing production time by 20%.

Responsibilities:

- Team leadership and project management
- Design and development of automotive systems
- Collaboration with cross-functional teams

Senior Mechanical Engineer

AutoTech Solutions | March 2015 - May 2018

Key Achievements:

- Designed and developed a novel exhaust system, resulting in a 10% reduction in emissions.
- Collaborated with the quality assurance team to resolve a critical design flaw, ensuring timely project delivery.

Responsibilities:

- Design and development of automotive systems
- Collaboration with cross-functional teams
- Mentoring junior engineers

Mechanical Engineer

Green Wheels Ltd. | August 2012 - February 2015

Key Achievements:

- Assisted in the design and development of a hybrid vehicle, resulting in a 25% increase in fuel efficiency.
- Successfully implemented a design change, reducing production costs by 12%.

Responsibilities:

- Design and development of automotive systems
- Collaboration with senior engineers
- Testing and validation of designs

Education

Bachelor of Science in Mechanical Engineering

Massachusetts Institute of Technology (MIT) | June 2012

Technical Skills

Mechanical Engineering:

- Mechanical System Design
- Thermodynamics
- Mechanics of Materials

Engineering Software:

- SolidWorks
- Autodesk Inventor
- CATIA

Other:

- Project Management
- Team Leadership
- Lean Manufacturing