



MICHAEL ANDERSON

Senior Fixture Engineer

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SUMMARY

As a Fixture Engineer with over 8 years of experience in the automotive industry, I have developed a strong expertise in designing and implementing high-precision fixtures that enhance production efficiency and accuracy. My journey began with a Bachelor's degree in Mechanical Engineering, where I honed my skills in CAD software, material selection, and manufacturing processes.

WORK EXPERIENCE

Senior Fixture Engineer **AutoTech Manufacturing**

Jan 2023 - Present

- Designed and developed custom fixtures for assembly lines using SolidWorks.
- Collaborated with production teams to identify inefficiencies and implemented solutions.
- Conducted fixture performance tests, resulting in a 20% reduction in cycle time.
- Managed fixture maintenance schedules to ensure optimal performance.
- Trained junior engineers on best practices in fixture design.
- Presented design proposals to stakeholders, securing buy-in for new projects.

Fixture Design Engineer **Precision Tooling Inc.**

Jan 2020 - Dec 2022

- Developed and modified fixture designs based on production requirements.
 - Utilized 3D modeling software to create detailed fixture plans.
 - Worked with manufacturing teams to minimize setup times.
 - Implemented design changes that increased fixture durability by 15%.
 - Assisted in the training of new staff on fixture assembly processes.
 - Documented all design changes and maintained comprehensive records.
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EDUCATION

Bachelor of Science in Mechanical Engineering, University of Michigan, 2014

Sep 2019 - Oct 2020

ADDITIONAL INFORMATION

- **Technical Skills:** CAD software, fixture design, lean manufacturing, project management, troubleshooting, team collaboration
- **Awards/Activities:** Reduced fixture production costs by 30% through innovative design changes.
- **Awards/Activities:** Awarded 'Employee of the Year' for outstanding contributions to project success.
- **Awards/Activities:** Successfully led a cross-functional team to implement a new fixture standardization process.
- **Languages:** English, Spanish, French