REBECCA ZIELINSKI

SUMMARY

Dual-role R&D Mechanical Engineer and Certified Scrum Master with a proven record of advancing technical innovation and team performance. Proactively earned certification to lead Agile execution—now guiding global engineering design and cross-functional delivery.

EXPERIENCE

R&D Mechanical Engineer & Scrum Master

Vanderlande | April 2021 - Present

- Lead mechanical development from concept to final deliverables: 3D models, metric/imperial drawings, ADDs, CTQs, and test documentation
- Engineer cost-conscious, compliant product solutions using company tooling and global standards (EN/ISO, Machine Directive, APAC/USA)
- Execute verification and validation activities (FEM analysis, component testing, FATs, system integration); collaborate on FMEA/HSRA, electrical integration, and safety systems
- Maintain technical documentation, review peer outputs, and drive continuous improvement across global design teams
- Facilitate agile ceremonies and sprint execution for a cross-functional hardware team (mechanical, electromechanical, software), resolving blockers, aligning progress across ART and stakeholders, and fostering collaboration amid competing priorities

Technical Designer

Aluvision Inc. | May 2019 - January 2021

- Engineered aluminum framing solutions from client sketches and CAD, translating abstract concepts into buildable trade-show structures
- Produced fabrication-ready drawings and configured layouts, including SketchUp models tailored for marketing
- Balanced short-term customization with modularity, reusability, and cost efficiency using standardized components
- Collaborated with international teams to convert stakeholder design intent into accessible technical solutions

EDUCATION

Georgia Institute of Technology | 2019
Bachelor of Science in Mechanical Engineering, Minor in Industrial Design

SKILLS

Certifications: Certified SOLIDWORKS Professional (CSWP), Advanced Sheet Metal (CSWPA-SM), Advanced Weldments (CSWPA-WD), Advanced Drawing Tools (CSWPA-DT), SAFe 5 Practitioner, SAFe 5 Scrum Master

Software: SolidWorks, AutoCAD, Inventor, Jira, Confluence, Enovia, SketchUp, Illustrator, InDesign, MATLAB, LabVIEW

Skills: DFM/DFA, Experimental Design, Rapid Prototyping, Tolerance Stack-Up, User Research, Storyboarding, Sketching, Mockups, Ergonomics

Languages: English (Native), Spanish (Intermediate)