

RESUME

JOSH MACKENZIE HAINES

Expert in Product Innovation and Execution

CONTACT INFORMATION

Burlington, VT
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TECHNICAL SKILLS

SolidWorks (16 yrs)
Advanced CAD surfacing
Rapid Prototyping (FDM, SLA, SLS)
DFM/DFA
Sketching and Visual Communication
Product Research and Use Testing
User-centered Design
Manufacturing: molding, casting, textiles, composites, metal forming

CORE COMPETENCIES

Product Development Leadership
Cross-Functional Management
Rider-informed / Athlete-informed Design
New Product Development
Project & Program Planning
Supplier Collaboration
BOM Management & Cost Optimization
Root Cause Analysis
Compliance & Safety Awareness

EDUCATION

Bachelor of Industrial Design
Carleton University
(w/ Distinction, Co-op)

PROFESSIONAL SUMMARY

Vision-driven industrial designer with 8 years of experience leading consumer product development from concept to market, specializing in rapid innovation, advanced surfacing, and manufacturing optimization. Proven track record delivering durable, user-centered, commercially successful products.

PROFESSIONAL EXPERIENCE

LOW PRESSURE STUDIO | Senior Industrial Designer / Development Lead 2023-Present
Waterbury, VT

- Led design and product development for global snowboard brands (Bataleon & Rome), delivering high-volume binding and boot product lines.
- Designed integrated boot and binding systems, ensuring compatibility, performance transfer, and cohesive experience across product ecosystems.
- Directed teams across design, engineering, and graphics; managed priorities, workloads, and performance.
- Owned product lifecycle from concept to production, including testing, documentation, and supplier qualification.
- Executed root cause analysis on warranty issues and implemented lasting design improvements.
- Led cost-saving engineering modifications without sacrificing durability.
- Successfully delivered the FASE binding system, selling out globally in the first year and doubling sales in the second year.

LOW PRESSURE STUDIO | Industrial Designer / Design Engineer 2018-2022
Waterbury, VT

- Snowboard boot and binding designer for Lobster, Bataleon and Rome Snowboards.
- Completed detailed designs of multiple components and hardware while maintaining brand identity of each company.
- Responsible for building technical production packages for mass production.

TC HELICON | Industrial Designer 2016-2017
Victoria, BC

- Designed housings and mechanical layouts for audio hardware.
- Supported UX refinement through layout studies and user testing.
- Applied user research and testing to improve functional and ergonomic performance across product lines.
- Designed mechanical systems for the GO-XLR platform, now launched globally.

IPPINKA | Industrial Designer 2016
Toronto, ON

- Led development of the company's first internally designed product to successfully reach Kickstarter funding targets.
- Supported end-to-end product research, design, prototyping, and vendor curation.

FLUIDCONCEPTS | Industrial Designer 2015
Concord, ON

- Produced detailed manufacturing drawings for office systems using SolidWorks.
- Created installation manuals and trained new engineers in assembly requirements.