

Sayit Alisan

Industrial Designer

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Experience

Industrial Designer | Sterilite Corporation,

Townsend, MA - November 2021 – Present

- Led the industrial design and development of many consumer product families, resulting in **\$70M+** in revenue and **8M+** products sold across North America.
- Owned product development from concept through manufacturing for high-volume injection-molded products, balancing user experience, engineering feasibility, tooling constraints, cost targets, and brand identity.
- Converted consumer research and market opportunities into manufacturable products using iterative sketching, CAD, rendering, and rapid prototyping, reducing development risk and improving design quality prior to tooling.
- Created production CAD, detailed engineering documentation, and manufacturing specifications that enabled successful tooling and large-scale production while preserving design intent.
- Launched products that consistently achieve **4.7+/5** average customer ratings, demonstrating strong consumer satisfaction and successful translation of user needs into market-ready solutions.
- Helped expand Sterilite's portfolio with products sold through major national retailers, strengthening the company's leadership in the home organization category.

Industrial Designer | Mahindra & Mahindra - Erkunt Tractor Ind. Inc.,

Ankara, Turkey - October 2017 – September 2019

- Collaborated with a cross-functional R&D team of industrial designers, engineers, and manufacturing specialists to design and develop new tractor products from concept through production.
- Led the end-to-end design process for multiple tractor components, including exhaust systems and interior/exterior trims, delivering production-ready designs for various tractor platforms.
- Translated user research, market insights, and stakeholder requirements into innovative design concepts through sketching, CAD modeling, and rapid prototyping, accelerating concept validation and decision-making.
- Created detailed 3D CAD models, engineering documentation, and manufacturing drawings that enabled efficient tooling development and successful mass production.
- Built and evaluated low-cost prototypes to validate form, fit, function, and manufacturability, reducing design iterations before production.
- Partnered with suppliers and manufacturing partners specializing in injection molding, sheet molding compound (SMC), rotational molding, iron casting, CNC sheet metal fabrication, and other production processes to optimize designs for manufacturability, quality, and cost.

Industrial Designer | Userspots - IOX,

Istanbul, Turkey - March 2017 – October 2017

- Collaborated with electrical and software engineers to transform emerging IoT technologies into interactive product concepts, integrating physical design, electronics, and software requirements into cohesive user experiences.
- Translated technical requirements and user needs into rapidly developed design concepts through ideation sketches, 3D CAD models, and high-quality renders, enabling cross-functional teams to evaluate and refine product directions.
- Led the transition from concept to functional prototype by developing detailed 3D models and working closely with engineers to build, test, and iterate physical prototypes, resolving design and integration challenges before finalization.
- Mentored students during an IoT innovation camp, guiding participants from early-stage ideas to functional product concepts while teaching industry-standard tools including Photoshop, Illustrator, Rhino, and KeyShot to strengthen their visualization and prototyping capabilities.

Industrial and Product Designer | Freelance,

Istanbul, Turkey, July 2016 – September 2017

- Partnered with Userspots and other clients across diverse design briefs, translating client objectives, user requirements, and project constraints into tailored design solutions.
- Developed and delivered detailed 3D CAD models and photorealistic product renders, enabling clients to visualize, evaluate, and communicate product concepts throughout the development process.
- Managed projects from initial brief and ideation through design development and final deliverables, balancing user needs, technical feasibility, visual quality, and client expectations within project timelines.

Junior Industrial Designer | Designnobilis,

Ankara, Turkey, February 2016 – July 2016

- Contributed to product design projects spanning furniture, electronics, medical, and kitchen products, translating user and client requirements into viable design solutions.
- Translated freehand sketches into detailed 3D CAD models and refined engineering models for design development and manufacturing.
- Developed multiple concepts and delivered 2D/3D visualizations and technical documentation, enabling clients to evaluate and select design directions.

Teaching Assistant / Graduate Assistant / CAD Lab Monitor | Rhode Island School of Design,

Providence, RI, October 2019 – May 2021

- Supported undergraduate and graduate students across Wood, Advanced CAD, and SolidWorks courses, providing hands-on guidance in fabrication, 3D modeling, and design development.
- Managed daily operations of the Industrial Design CAD Lab, maintaining MakerBot and Stratasys 3D printers, laser cutters, and plotters to ensure reliable access to prototyping equipment.
- Taught Rhino and SolidWorks workflows and helped students translate design concepts into functional 3D models and physical prototypes.
- Managed and developed content for the Industrial Design department's web blog, researching and producing visual and written content throughout the academic year.

Education

Rhode Island School of Design | Providence, RI

Master of Industrial Design, 2021

METU | Ankara, Turkey

Bachelor of Industrial Design, 2016

Skills

Collaboration & Leadership

Cross-functional Collaboration
Stakeholder Communication
Design Critique & Feedback
Design Presentation & Storytelling
Mentoring & Knowledge Sharing
Project Ownership
Workshop Facilitation

Design Skills

Creative Problem Solving
Human Factors & Ergonomics
User & Design Research, UX
Freehand & Digital Sketching
Concept Development
Production-Ready 3D CAD Modeling
3D Rendering, UI, Visualization, and 2D & 3D Animation
Manufacturing & DFM & DFA & CMF
Prototyping & Model Making

Digital Tools

Creo
Rhinoceros/Grasshopper
SolidWorks
3Ds Max
Vizcom AI
KeyShot Pro
Adobe Creative Suite
VR/AR
Unity

Physical Tools

3D Printing
Wood Working Machines
Metal Working Machines
CNC Router
Laser Cutters
Vinyl Cutters
Hand Tools
Wood - Metal - Plastic
Styrofoam
Clay - Ceramic

Recognition

RISD Fellowship | 2019-2021,

For attending Rhode Island School of Design - Providence, RI

Turkey Ministry of Trade 2-year Full Scholarship | 2019-2021,

For studying Overseas Master's Degree - Providence, RI

Design Turkey Conceptual Awards | 2018,

Winner- Istanbul, Turkey

IMMIB National Design Awards | 2018,

3rd Place - Istanbul, Turkey

Automotive Component Design Awards | 2018,

2nd Place - Istanbul, Turkey

ROBOIK National Autonomous Vehicles Competition | 2017,

Winner - Ankara, Turkey