BUSE SAHIN

INDUSTRIAL PRODUCT DESIGNER

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Industrial product designer with experience in concept development, 3D CAD modelling, prototyping and design for manufacturing (DFM). First-place winner of the 2024 LG Electronics Design Competition; the team project was purchased by LG Electronics for production rights. Combines user-centred design, technical documentation and product visualisation with AI-assisted design workflows.

PROFESSIONAL EXPERIENCE

Product Designer Consultant | Beko Italy

2026 | Italy

• Contribute to consumer product development through concept generation, CAD modelling, rapid prototyping and design refinement in collaboration with the design team.

Freelance Product Designer

2022 - 2026 | Italy

• Managed product design projects from research and concept development to CAD modelling and final visualisation.

• Created 3D models, 2D technical drawings and assemblies to support manufacturing.

• Produced photorealistic product and interior renderings using KeyShot and Adobe Photoshop.

• Applied design for manufacturing principles and develop prototypes using 3D printing.

Junior Product Designer | Tolga Polat Industry Inc.

2021 - 2022 | Turkey

• Developed product concepts with a focus on ergonomics and user-centred design.

• Supported research and development through concept exploration, prototyping and testing.

DESIGN INTERNSHIPS

Product Design Intern | Otokar Defence Industry

Dec 2022 - Jun 2023 | Turkey | Graduation project

• Contributed to automotive design concepts and participated in prototype evaluation and development.

Product Design Intern | Renault Group

Jun 2021 - Aug 2021 | Turkey

• Supported user-centred product design projects and research and development activities.

R&D; Intern | Warmhaus

Jun 2021 - Aug 2021 | Turkey

• Supported product development, testing and evaluation within the research and development team.

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SELECTED AWARDS & PROJECTS

1st Place | LG Electronics Design Competition

2024 | Italy

• Co-developed and prototyped a home appliance in a team of three product designers and two interior architects, using Fusion 360, KeyShot and 3D printing.

• The winning project was purchased by LG Electronics for production rights.

Gold Award | National Design Competition

2022 | Turkey

• Developed and prototyped kitchen furniture concepts using Fusion 360, Rhinoceros and KeyShot.

• Awarded first place in the Kitchen category; the award included a scholarship for master's study in Italy.

3rd Place | TSI Aircraft Seat and Part Design Competition

2021 | Turkey

• Designed an aircraft seat, including its mechanical mechanism and visual form; produced CAD models, technical drawings and dimensions, with visualisation in KeyShot.

EDUCATION

M.A. in Product Design | NABA / Domus Academy Milano

2023 - 2024 | Italy | Full scholarship

Bachelor's Degree in Product Design | Gazi University

2018 - 2022 | Faculty of Architecture | Turkey

TECHNICAL & DESIGN SKILLS

CAD & visualisation: Fusion 360, Rhinoceros, SolidWorks, KeyShot, Adobe Photoshop, Illustrator and InDesign.

Manufacturing & prototyping: Design for Manufacturing (DFM), 3D printing, rapid prototyping, 2D technical drawings and 3D assemblies.

Design methods: User-centred design, ergonomics and human factors, concept development, sustainable design, design thinking, sketching and packaging design.

AI-assisted design: Generative AI for research and synthesis, prompt writing, concept visualisation, image generation and editing, and exploration of design alternatives.

Collaboration: Cross-functional teamwork, supplier communication and design presentations.

LANGUAGES

Turkish: Native | English: C1 | Italian: B1 | German: B1

ADDITIONAL EXPERIENCE

USA Summer Work and Travel Program | 2022 | USA

Part-time product and graphic design at Adirondack Trading Co.; front desk and customer communication experience at The Weekender Group.