

Mustafa Alkeissy

Product Developer living in Stockholm, Sweden

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SUMMARY

Product developer with experience from the furniture industry and an upcoming teaching position at Jönköping University. Drives projects from concept to manufacturing-ready drawings with strong SolidWorks skills and a track record of working with designers and external manufacturers. Seeking full-time role as Product Developer / Mechanical Designer

EXPERIENCE

Product Developer (Internship): EFG European Furniture Group, Tranås *March - May 2026*

CAD construction in SolidWorks for table series and shelving systems in collaboration with external designers (Jens Fager, Studio Stockholm, Martina Claesson)

Technical drawings for manufacturers and prototype work with the in-house workshop

3D visualization and V-Ray rendering for interior projects (Corda Arena, Belgium)

Developed a VBA macro for automated STEP export in SolidWorks

SolidWorks Instructor: Jönköping University, PUM Programme *August - December 2026*

Teaching SolidWorks on the Bachelor's programme in Product Development with Furniture Design (108 hours incl. preparation)

Product Developer freelance: Confidential client (NDA) *2024 - Present*

Iterative mechanical design and prototyping in SolidWorks across multiple revisions. Coordination of CNC-machined custom components from drawing to delivery

Counselor / Therapist (Self-employed): Stockholm, Odenplan *2019 - 2024*

Ran a private counseling practice with full responsibility for marketing and client work

Workshop Manager: Carglass / Ryds Bilglas *2016 - 2019*

Service Technician: Bilia Volvo *2014 - 2016*

AWARDS

Kiara Scholarship for Best Bachelor Thesis - Jönköping University, 2026 Co-recipient. Awarded for the bio-based product series in Arboblend. Collaboration with Yellon AB

REPRO - Sustainable Design Competition - Jönköping University, 2025 Team winner (3 people). Furniture designed for simple manufacturing using only industrial waste material.

SKILLS

SolidWorks · Autodesk Inventor · KeyShot · 3DsMax · V-Ray · VBA macro programming · AI rendering (Magnific, Vizcom, Runway), QFD & Pugh matrix · DFM · Basic FEA · CNC understanding · Prototype development · Material selection

SELECTED PROJECTS

EIRA - Solid oak coffee table exploring offset dual-plane geometry and structural balance. Submitted to Bolia Design Awards 2025.

RØN - Ergonomic lounge chair with welded steel frame. Developed through CAD modeling, scaled prototyping and ergonomic evaluation.

HOLD - Mechanical door stop with spring-loaded locking mechanism. Developed from concept to validated 3D-printed prototype using QFD and Pugh matrix for concept evaluation.

Bachelor Thesis - Bio-based (liquid wood) 6 products in Arboblend. Comparative analysis of three material grades with validation plan, supported by market research (n=200).

EDUCATION

Bachelor's Degree, Product Development with Furniture Design - Jönköping University, 2024–2026

Product Development & Prototyping (30 credits) - University of Gävle, 2023