

# CAGLA KUCUKERGOR

Senior Design Engineer | FF&E Coordination | Project Lifecycle Management | 3D Visualization Expert  
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## Professional Summary

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Dynamic Industrial Design Engineer with 8+ years delivering commercial and residential environments across hospitality, retail, corporate, public and private sector. I lead projects end to end, from programming and concept through documentation, permitting, and construction administration. I translate brand and user needs into buildable space plans, FF&E packages, and high-level details that support schedule, budget, and operational requirements. Furthermore, I work fluently in Revit and AutoCAD, with SketchUp and Adobe Creative Suite to communicate design intent at the highest level. Multidisciplinary cross-collaboration partnering closely with clients, architects, engineers, GC teams, vendors, and fabricators to reduce rework, speed approvals, and deliver spaces that perform.

## Core Competencies

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### Design Process & Documentation:

Programming & Space Planning • Conceptual & Schematic Design • Design Development • Project Documentation & Construction Administration • Finish Plans & Specifications • Code Compliance & Regulatory Review • Submittal Review

### FF&E & Interior Finishes:

Custom Fixtures & Equipment Specifications • Custom Design & Detailing • Material & Finish Selection • Finish Boards & Sample Coordination • Vendor & Fabricator Collaboration

### Technical Software & Visualization:

Revit (BIM & Construction Documentation) • AutoCAD (Space Planning & Detailing) • SketchUp (3D Modeling) • Adobe Creative Suite (Photoshop/Illustrator/InDesign) • 3D Rendering & Visualization • Presentation Graphics

### Project Delivery & Collaboration:

Multidisciplinary Team Coordination • Client Presentation & Engagement • Consultant Collaboration • Budget Management • Timeline & Deadline Management • Design Problem-Solving • Quality Control

## Professional Experience

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### US Bulletproofing

Upper Marlboro, MD

#### Senior Interior Designer

2023 - Present

*Lead design initiatives for high-security commercial environments, integrating ballistic-resistant materials with functional aesthetics while managing full project lifecycle from client consultation through construction administration. Direct cross-functional collaboration with executive leadership, engineering teams, and marketing to deliver brand-aligned, code-compliant interior solutions.*

- Developed comprehensive space plans, finish specifications, and millwork details for 20+ high-security commercial projects, achieving 100% client approval rate while maintaining design integrity and regulatory compliance.
- Engineered innovative 3D visualization workflows that reduced client decision-making time by 30% through interactive presentations and photorealistic renderings using Revit, SketchUp, and Adobe Creative Suite.
- Spearheaded material studies and lighting analyses for specialized ballistic-resistant environments, ensuring optimal visual quality, structural integrity, and compliance with safety specifications.
- Collaborated with engineering and fabrication teams to produce detailed millwork drawings and construction documents, resulting in zero change orders and seamless project execution.
- Applied Design Thinking and Agile methodologies to streamline design review processes, improving internal efficiency by 25% and accelerating project delivery timelines.

## Professional Experience

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KBR Kitchen & Bath

Fairfax, VA

Senior Interior Designer

2020 - 2021

*Drove experiential design strategy for large-scale trade show exhibits and branded retail environments, translating client vision into compelling spatial narratives through advanced 3D modeling, material specification, and interactive client engagement processes. Managed complete design lifecycle including concept development, finish selection, and FF&E coordination.*

- Created 50+ immersive design prototypes for trade show and retail environments, influencing \$2M+ in client projects through strategic space planning and innovative material applications.
- Led color theory and branding workshops to establish cohesive design narratives across multiple touchpoints, ensuring consistent visual identity and brand alignment for 15+ client accounts.
- Developed custom FF&E specifications and finish schedules for experiential installations, coordinating with vendors and fabricators to achieve design intent within budget constraints.
- Implemented real-time design modification processes during client reviews using 3D CAD modeling and digital storytelling, increasing client engagement by 40% and reducing revision cycles.
- Introduced 3D printing for rapid prototyping of custom millwork and finish samples, accelerating design iteration by 25% and improving client visualization of final installations.

Polin Waterparks

Kocaeli, Turkey

Senior Industrial Designer

2013 - 2017

*Managed comprehensive interior design portfolio for international entertainment facilities, overseeing complete project lifecycle from conceptual programming through construction administration. Specialized in way finding systems, environmental graphics, and themed spatial design for large-scale hospitality and recreation venues serving global markets.*

- Delivered 15 complete interior design projects from concept through launch for international water park developments, managing multi-million dollar budgets while coordinating with global stakeholders across 10+ countries.
- Produced 100+ photorealistic product renderings and finish presentations supporting high-volume sales initiatives, directly contributing to \$15M+ in new business development.
- Designed comprehensive way finding and environmental graphic systems ensuring seamless guest navigation across 50,000+ square foot entertainment complexes, enhancing user experience and operational efficiency.
- Led multidisciplinary design teams through space planning, finish specification, and construction documentation phases, ensuring technical accuracy and design compliance with international building codes.
- Highlight your accomplishments, using numbers if possible.

## Education

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San Diego University for Integrative Studies

San Diego, CA

Graphic Design Certification

2018 - 2019

Gebze Technical University

Gebze, Turkey

Master of Business Administration

2016 - 2018

Isik University

Istanbul, Turkey

Bachelor of Industrial Design

2008 - 2012