HexaCoder TECHNOLOGIES

Hexacoder Technologies is a forward-thinking digital solutions provider specializing in cutting-edge web applications, immersive 3D & Digital Twin experiences, and intelligent automation for modern businesses. With a focus on innovation, user experience, and business impact, HexaCoder empowers brands across industries to digitize and scale their operations with precision and agility.

The team comprises 70+ employees and excels in advanced and Niche technologies.

We bring deep expertise in building AI-enabled, interactive platforms that merge design, technology, and data to transform how customers engage with products—especially in visually driven and customization-heavy sectors such as furniture manufacturing and interior design.

3D Manufacturing Integration

Design to Production Pipeline

Web-based platform transforms 2D furniture layouts into real-time 3D previews.

- Instant visualization of customized designs
- Direct export to CNC/manufacturing systems
- Automated generation of toolpaths and DXF files

Enterprise Integration

Seamless backend synchronization with business operations.

- Real-time inventory management
- Dynamic pricing templates
- Automated project quotes
- Production tracking dashboard

3D Kitchen and Furniture Solution

1 **Visual Configuration**

Customize materials, colors, and finishes in photorealistic 3D.

2 **Real-time Personalization**

See modifications instantly as you design.

3 **360° Detail Exploration**

Examine craftsmanship from any angle.

4 **Integrated Quote Builder**

Generate accurate B2B quotes in seconds.

5 **Portable Experience**

Showcase products at trade shows and meetings.

Kitchen and Furniture Solution Experience Center

Key Features: Intuitive User Experience

Drag-and-Drop OR AI Generated

Place cabinets, appliances

Multi-Angle Viewing

Top-down, eye-level, walk-through

Auto-Measurements

Spacing calculations in real-time

Style Selector

Shaker, flat-front, custom options

3D Kitchen and Furniture Solution

Fully interactive design tool with real-time visualization

Intuitive drag-and-drop interface for seamless customization

Photorealistic rendering with pricing integration

Comprehensive solution for kitchen and multi-room design

The Design Challenge Solved

62%
Visualization Struggle

Homeowners can't picture final designs

70%
Design Regret

Customers unhappy post-installation

100%
Solution

Immersive 3D bridges imagination gap

Customization Tools

Cabinets

Styles, colors, finishes, sizes, layouts, placements and more

Countertops

Granite, quartz, laminate

Appliances

Exact sizing specifications

Lighting

Simulate different times of day

Surfaces

Flooring and backsplash patterns

AI Integration and Scalability

Powerful AI capabilities that grow with your business needs.

Style Generation

AI suggests complete kitchen styles based on preferences and trends.

Cloud Infrastructure

Seamless scaling to handle unlimited concurrent users and projects.

Real-time Updates

Design libraries automatically refresh with latest product offerings.

Usage Analytics

Track customer preferences to inform inventory and marketing decisions.

Kitchen Design V3.2

Multi-Room Expansion Capability

Beyond the Kitchen:
Extend designs seamlessly into dining rooms, living spaces, and bathrooms.

Furniture Library:
Access thousands of pre-built sofas, tables, beds, and storage solutions.

Architectural Elements:
Add windows, doorways, and structural features for complete home visualization.

Style Consistency:
Maintain unified design language throughout connected spaces with smart suggestions.

Room Templates:
Jump-start designs with curated room layouts based on popular configurations.

Business Benefits

40% Higher Conversion

More designs become purchases

35% Fewer Revisions

Get it right the first time

Real-Time Cost Estimation

Transparent customer budgeting

Inventory Integration

Syncs with manufacturing systems

Development Timeline

Your pathway to a fully functional 3D kitchen and Furniture configurator solution.

Requirements Gathering

Discovery phase to align technical specifications with your business goals.

Development Sprint

Core development cycle to build customized functionality and integrations.

Testing & Refinement

Intensive QA with your team to ensure seamless user experience.

Launch & Training

Full deployment with comprehensive team onboarding and technical support.

Why Choose HexaCoder?

Expertise in 3D & Interactive Platforms

Specialized in drag-and-drop 3D room planners for furniture and interior design.

AI-Driven Customization

Intelligent layout suggestions and real-time pricing through AI assistants.

End-to-End Admin Control

Backend solutions for product libraries, pricing, inventory, and customer data.

Robust Technical Stack

WebGL, Three.js, React-Three-Fiber, Node.js, and AWS for scalable applications.
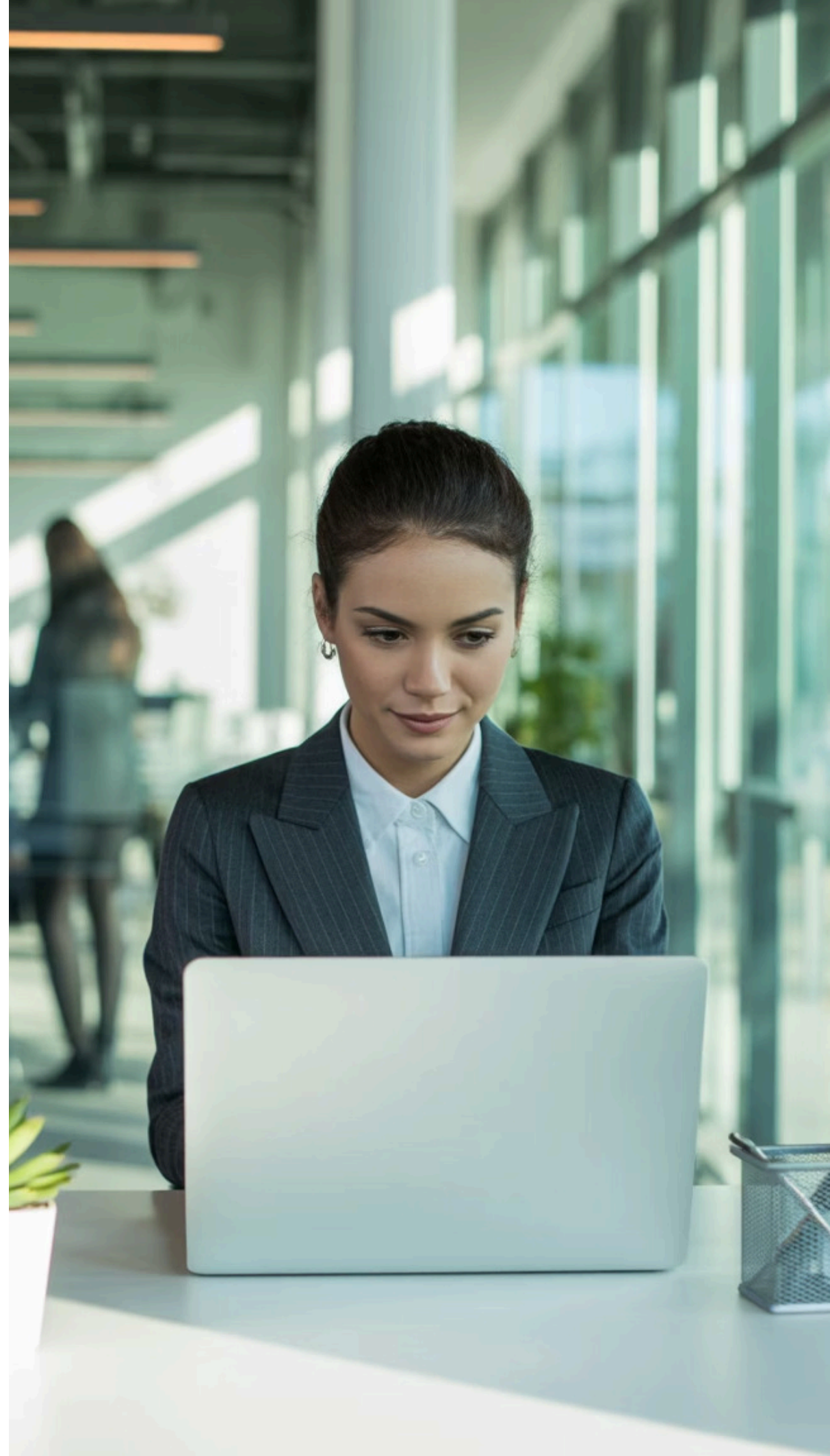
Enterprise Security

Bank-grade data protection and compliance with industry security standards.

Dedicated Support

Comprehensive training and continuous technical assistance post-launch.

Thank You

We appreciate your interest in our 3D Kitchen and Furniture Configurator solution.

Let's transform your customer experience together.

Contact Us

Hexacoder Technologies

Website: **www.hexacoder.com**

Email: **saurabh@hexacoder.com**