

CONTACT

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EDUCATION

B.S. Industrial Design

Univ. Anáhuac Querétaro  
2021–2025 · GPA 9.2 / 10

CERTIFICATIONS

Rhinoceros 3D Level 2

McNeel, 2024

Adobe PS & Illustrator

Adobe, 2023

Java Basic

Oracle, 2023

TOOLS

- SolidWorks
- Rhino 3D
- Fusion 360
- AutoCAD
- KeyShot
- Illustrator
- Photoshop
- Procreate

LANGUAGES

SpanishNative  
EnglishAdvanced

INTERESTS

- Adaptive Living
- Smart Products
- Spatial Systems
- AI-assisted Design
- Physical–Digital UX

# Carlos Castilla

Product Designer · Industrial & Spatial Systems

PROFILE

Contemporary product designer with a foundation in industrial precision and a focus on adaptive systems, spatial experiences, and user-centered product thinking. Combines technical CAD depth — across pressure vessels, turbocharger components, and consumer appliances — with a design sensibility shaped by systems thinking, digital workflows, and contemporary aesthetics. Operates effectively across technical, creative, and operational environments.

EXPERIENCE

Content Quality Specialist

- Apex SystemsJan 2026 – Present
- Reviewed and evaluated large-scale digital content under strict quality and compliance standards.
  - Maintained 115+ moderation cases per day; achieved a 95.96% QA score under high-pressure deadlines.
  - Ranked Top Performer for April and May 2026 within the highest-performing operational team in Querétaro.
  - Trained and onboarded new team members in moderation workflows and evaluation processes.

3D CAD Designer

- AESA AmbientalSep 2025 – Jan 2026
- Developed 200+ technical 3D models and drawings for industrial pressure vessels — boilers, LP gas, oxygen, ammonia tanks, and compressors.
  - Managed up to five simultaneous projects under tight deadlines during peak operational season.
  - Produced STPS-compliant technical documentation; collaborated with industrial and environmental engineers.
  - Participated in plant surveying and field data collection; restructured internal workflows and trained replacement personnel.

Product Design Collaborator

- General ElectricOct 2024 – Dec 2024
- Contributed to turbocharger separation component development within a multidisciplinary high-precision engineering environment.
  - Applied industrial design principles and CAD modeling to improve component functionality and manufacturability.

Product Development Collaborator

- MabeJan 2024 – May 2024
- Contributed to laundry center component development focused on usability, ergonomics, and user experience in a large-scale manufacturing environment.

SELECTED PROJECTS

Adaptive Living Spaces •

AI-integrated modular living concept exploring adaptive spatial systems and intelligent environments for compact habitation.

Human–AI Collaborative Design Methodology •

Research framework on AI-assisted workflows in industrial design — from ideation through technical development.

Modular Furniture Systems •

Furniture concept system for reconfigurable living environments; emphasis on production logic and materiality.