

DAVID PÉREZ AVELLA



INDUSTRIAL DESIGNER | PROJECT MANAGEMENT |

ABOUT ME

Industrial designer and project manager with over six years of experience in product and service design. Passionate about creating innovative and sustainable solutions based on real needs, applying user-centered design methodologies to drive changes in interactions, behaviors, and society. Skilled in leading interdisciplinary projects by integrating design, ergonomics, technology, and environmental management to develop products and services that combine innovation with sustainable development.

WORK EXPERIENCE

2024 - Present	Project Coordinator Universidad Nacional de Colombia Bogotá - Colombia	<ul style="list-style-type: none">Managed the creation of a national design award using agile methodologies, overseeing project planning, timelines, and resource allocationCollaborated with academic departments to develop workshops and events, enhancing project impactSupervised budgets and logistics, ensuring efficient resource managementSupported project leadership in strategic decision-making
2022 - 2023	Senior Designer COTECMAR Cartagena - Colombia	<ul style="list-style-type: none">Led and support vessel design projects, collaborating with multidisciplinary teams to optimize operational efficiency and safetyUtilized advanced 3D modeling tools to create innovative designsCoordinated resources and timelines, ensuring project delivery within budget and quality standardsConducted R&D to explore new technologies and methodologies for naval design
2019 - 2022	Junior Designer COTECMAR Cartagena - Colombia	<ul style="list-style-type: none">Designed interior layouts for marine vessels, optimizing space and functionality to meet client requirementsSelected materials and finishes for outfitting, ensuring quality and aesthetic standardsCreated detailed 3D models and technical drawingsContributed to the design and engineering of the BICM ARC Simon Bolívar, a national marine research vessel, advancing oceanographic science

EDUCATION

2023 - 2024	Graduate Certificate Strategic Project Management Universidad Nacional Pedagógica y tecnológica de Colombia Duitama - Colombia	<ul style="list-style-type: none">Utilized agile methodologies like Scrum to plan and execute projects, optimizing timelines and resourcesLed multidisciplinary teams, facilitating communication to align goals and resolve conflictsOversaw budgets and logistics, identifying and mitigating risks to ensure project successAdjusted strategies to address challenges and used metrics to assess project progress and outcomes
2014 - 2019	Bachelor's degree Industrial Design Universidad Nacional de Colombia Bogotá - Colombia	<ul style="list-style-type: none">Applied Design Thinking to create intuitive solutions, validated through physical and digital prototypesSelected materials and finishes to optimize aesthetics, functionality, and sustainable practicesCollaborated with engineering and manufacturing teams to ensure technical and aesthetic design feasibilityProficient in Rhinoceros, Blender, and AutoCAD to design 3D models of products and marine vessels

COMPLEMENTARY EDUCATION

- 2023
- Design Thinking for Innovation, University of Virginia Darden School of Business
- 2022
- Diploma in Naval Engineering, ENAP - Escuela Naval Almirante Padilla
 - Project Management, PM World / Udemy
 - UX Design / Digital Products and Services, Universidad Nacional de Colombia
 - Digital Marketing Fundamentals, Google
- 2020
- Social Change, Griffith University
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PUBLICATIONS AND PRESENTATIONS

- 2023
- Article: User-Centered Design in the Naval Sector, CIDIN - Colombiamar, Cartagena
 - Presentation: User-Centered Design in the Naval Sector, CIDIN - Colombiamar, Cartagena
- 2022
- Webinar: User-Centered Design in the Naval Sector, CIDIN - Colombiamar, Cartagena
- 2019
- Presentation: Creativity in the Design Process, UNAL - Catedra Marta Traba, Bogotá
- 2017
- Presentation: Product-Service System Design, V Congreso Latinoamericano de Food Design, UBA, Buenos Aires
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PRO SKILLS

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| ▪ User-Centered Design, Design Thinking | ▪ Interaction Design: Figma, Maze |
| ▪ Agile Project Management, Strategic Planning | ▪ Prototyping and Physical Mockups |
| ▪ 3D Modeling: Rhinoceros, Blender, AutoCAD | ▪ Visual Communication, Problem Solving, User Empathy |
| ▪ Visualization: Adobe After Effects, Adobe Premiere | ▪ Interdisciplinary Collaboration, Sustainable Design |
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PATENTS

- Protective Mask, Industrial Design Registration 11711
 - Respiratory Mask, Industrial Design Registration 11712
 - Mask Filter Holder, Industrial Design Registration 11792
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SOFTWARE



INTERESTS

CYCLING

TECHNOLOGY

READING

SPORTS

SMART CITIES

